

August, 1938. The exclusion of Garnet combined with the prevalence of rusted wheat this year has led to some complaints by European buyers arising out of the lighter weight per measured bushel of these grades.

INSPECTION SERVICES IN WESTERN ONTARIO

In response to requests from the corn growers of Western Ontario on September 15, the Board opened an office in Chatham and inaugurated voluntary inspection service in this region for the purpose of grading corn and other grain grown in the Eastern Division. Sufficient time has not elapsed to determine whether the use of these facilities warrants the expense of maintaining this service.

SAMPLING SEED GRAIN AT COUNTRY POINTS

At the request of the Canadian Wheat Board in February, special arrangements were made by the Board for sampling seed grain at country points in Saskatchewan in order that settlement for such grain could be made on the basis of official inspection. This work which was completed before the end of April, was performed by the Winnipeg inspection and sampling staffs assisted by certain employees from other western inspection offices. In all, a total of fifty men proceeded to different country points. All additional expenditure in this connection was absorbed by the Wheat Board.

CANADIAN GOVERNMENT ELEVATORS

On account of the larger crop, in addition to the Moose Jaw elevator which was re-opened last year, the Saskatoon elevator has been re-opened. Both these elevators have now had substantial quantities of grain placed in them for storage by the Canadian Wheat Board. The government elevators in Alberta also show a fair handling. The Port Arthur elevator is still under lease to the McCabe Bros. Grain Company. The Prince Rupert elevator has been closed. This elevator was under lease to the Alberta Wheat Pool at a nominal rental since 1926 but the lease was not renewed at its expiry on July 31, 1938. It was not found possible to interest another company and the absence of a general flow of grain to this port made it unfeasible for the Board to operate it as a public terminal.

LAKE FREIGHT RATES

During the early months of the autumn shipping season on the Great Lakes the rates on the carriage of wheat to St. Lawrence ocean ports rose rapidly until they reached a level markedly higher than that of recent years. In October the Board fixed a maximum rate on wheat from Port Arthur and Fort William to Montreal of seven cents per bushel. This order is still in effect.

WEIGHOVER IN EASTERN ELEVATORS

With a view to checking the accuracy of returns made by Eastern elevators to the Deputy Registrar of Warehouse Receipts the Board weighed over without previous notice three eastern elevators. No serious discrepancies were found. To maintain a closer supervision of eastern elevators in this respect in the amendments now pending to the Canada Grain Act it is proposed to provide for an annual weighover of eastern elevators.

REVISION OF THE ACT

During the year the Board has given careful attention to preparing amendments to the Canada Grain Act. None of these involves a departure in policy but are minor amendments of an administrative nature rendered necessary by changes in general conditions.

RESIGNATION OF DR. GEDDES

The Board regrets to report that Dr. W. F. Geddes, Chief Chemist, resigned in December to accept a position in the University of Minnesota. The Board is taking immediate steps to fill this vacancy.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1938-39 were constituted by the Board in accordance with section 25 of the Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 12, 1938, and the Eastern Committee at Toronto on November 15, 1938, and at Montreal on November 16, 1938.

AUDIT OF GRAIN HANDLED BY PUBLIC AND SEMI-PUBLIC TERMINAL
ELEVATORS

The regular annual audit of public and semi-public terminal elevators has been carried out. No excess overages were disclosed.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Thirty-two Dollars and Forty-five Cents (\$32.45) were redeemed during the past year. Outstanding certificates still remain to the amount of Eight Thousand, Four Hundred and Fifty Dollars and Three Cents (\$8,450.03).

TARIFF MEETINGS

The usual public hearings to hear representations in the matter of tariffs of elevator charges for the Crop Year 1938-39 were held by the Board at Winnipeg, Vancouver and Toronto in July and August.

COUNTRY ELEVATOR OVERAGES

The Board has continued its policy of checking closely all country elevator operators with a view to eliminating the accumulation of excessive overages. In this connection a problem is arising due to the increasing size of loads of grain carried by trucks to country elevators. As a result it has been found necessary in many instances to install larger scales and this will continue to be necessary if the size of trucks continues to increase.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1937-38 was \$1,675,051.12 compared with \$1,738,584.86 for the previous fiscal year. Revenue for the fiscal year 1937-38 was \$734,978.84 compared with \$1,259,595.77 for the previous fiscal year, a decrease of \$524,616.93.

For the first nine months of the current fiscal year the total expenditure is approximately \$100,000.00 more than in the corresponding period during the previous fiscal year, owing to increased activity in the operating branches of the Board through the handling of a larger crop, and the revenue for the same period shows an increase of approximately \$350,000.00 over the same period last year.

INFRACTIONS OF THE ACT

During the year the Board investigated alleged cutting of tariffs in eastern elevators below the rates filed with the Board. This was found to be the fact in two instances and the elevator companies involved were each assessed a

penalty of \$500.00. At Fort William the Durum Wheat in the elevators of one terminal elevator company was weighed over on the report of the Registrar that there was evidence that the regulations governing the registration of warehouse receipts were not being observed. Discrepancies were found in the outstanding warehouse receipts as compared with the actual stocks in store. The company in question was required to rectify its position and to pay the out-of-pocket costs of the weighover.

GENERAL

The Board regrets to report the death of Kenneth Campbell of Vancouver, for many years a valued member of the Western Standards Committee.

On October 12, 1938, William James Crawford, grain inspector in charge at Vancouver, retired from the employment of the Board on superannuation after thirty-nine years service. Mr. Crawford's term of service at Vancouver covered the rise of this port to a position of important terminal and shipping point for western grain. His sound judgment in handling practical problems and his faithful adherence to duty have been of very great value to the Board.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

E. B. RAMSAY,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MAN., January 6, 1939.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the year 1938.

- (a) Complaints
- (b) Prosecutions
- (c) Defaults
- (d) Cars out of Turn
- (e) Licences Issued, Crop Year 1937-38
- (f) Licences issued during past 19 years and 1917 and 1911
- (g) Grain Loading Platforms
- (h) Report of Statistician
- (i) Annual Weigh-over, Terminal Elevators.

Yours truly,

J. RAYNER,

Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1938, there were investigated by the Board eighty-nine (89) complaints, together with the six (6) outstanding at December 31, 1937, regarding the handling of grain at Country Elevators, shipments to Terminal Elevators and the operations of Licensees under the Canada Grain Act as follows:—

Manitoba.....	17
Saskatchewan.....	13
Alberta.....	59
	<hr/>
	89

Summary of disposition of country complaints:—

No grounds for complaint.....	25
Complaint withdrawn.....	10
Settlement effected between parties.....	45
Outside jurisdiction of Board.....	6
Settlement ordered.....	1
Not yet disposed of.....	8
	<hr/>
	95

MISCELLANEOUS COMPLAINTS

During the year under review three complaints in respect to the handling of grain at terminal elevators together with one complaint outstanding at December 31, 1937, were investigated by the Board. These were disposed of as follows:—

Settlement ordered by Board.....	1
Settlement effected between parties.....	3
	<hr/> 4

EXPORT SHIPMENTS

During the year 1938, fourteen (14) complaints, twelve (12) in respect to quality and two (2) *re* shortages, were received regarding overseas shipments. These together with the five (5) complaints outstanding at December 31, 1937, were investigated and disposed of as follows:—

Complaints <i>re</i> shortage of weight not upheld.....	3
Complaints <i>re</i> quality of grain not upheld.....	9
Compensation paid by loading elevator.....	1
Complaint withdrawn.....	3
Complaints not yet disposed of.....	3
	<hr/> 19

(b) PROSECUTIONS

During the year 1938 there were no cases of prosecution for breaches of the provisions of the Canada Grain Act instituted by the Board.

(c) DEFAULTS

There were no cases of default by licensees during the year 1938.

(d) CARS OUT OF TURN

It was not found necessary for the Board to order any cars out of turn under the provisions of Section 68 of the Canada Grain Act during the year 1938.

(e) SUMMARY OF LICENSING AND BONDING FOR THE SEASON 1937-38

During the season which commenced on September 1, 1937, and ended on August 31, 1938, one hundred and fifty-six (156) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Four thousand, nine hundred and fifteen (4,915) applications for licences were received and four thousand, eight hundred and seventy-nine (4,879) licences were issued. Twenty-three (23) licences were transferred and thirteen (13) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	40	0	40	0
Commission Merchants.....	47	0	47	0
Grain Dealers.....	20	1	19	0
Public Terminal Elevators.....	3	0	3	0
Semi-Public Terminal Elevators.....	30	0	30	0
Private Terminal Elevators.....	40	0	40	0
Eastern Elevators.....	29	0	29	0
Mill Elevators.....	18	1	17	0
Private Country Elevators.....	13	0	13	0
Public Country Elevators.....	4,675	11	4,641	23
	4,915	13	4,879	23

The following licences, which were issued at the commencement of the season to the undernoted firms, were cancelled by order of the Board on the dates shown:—

Private Terminal Elevator Licence No. 66.—Lake of the Woods Milling Co., Ltd.; elevator at Portage la Prairie, Manitoba; changed nature of operations to Public Country warehousemen; cancelled February 28, 1938.

Grain Commission Merchant's Licence No. C17.—Standard Elevator Co., Ltd., of Winnipeg, Manitoba; company ceased business; cancelled March 15, 1938.

Licence fees collected amounted to \$26,523.00; of this amount \$75.00 was refunded to applicants; \$65.00 owing to applications having been withdrawn and \$10.00 on account of applications submitted in error.

Surety bonds amounting to \$22,922,855.50 were executed by eleven (11) of the approved surety companies and were deposited with the Board as security covering the operations of the licensees; in addition three (3) licensees deposited negotiable Government bonds with a par value of \$14,000.00 in lieu of furnishing the usual forms of Surety bonds.

(J) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1911-12; 1917-18 and 1919-20 to 1937-38

(Licence year commences September 1)

Kind	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1926- 1927	1925- 1926	1924- 1925	1923- 1924	1922- 1923	1921- 1922	1920- 1921	1919- 1920	1917- 1918	1911- 1912
Public Country Elevators..	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	4,314	4,236	4,074	4,064	3,828	3,668	3,704	3,146	3,577	1,972
Private Country Elevators.	13	11	12	13	14	9	12	385	398	309	156	35									
Public Terminal Elevators.	3	6	6	7	7	9	10	8	11	10	11	14	21	11	9	12	11	12	17	17	
Semi-Public Terminal El...	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)												
Private Terminal Elevators	40	39	36	37	37	38	37	40	*76	*80	*80	*67	*64	*63	*60	*32	*29	*25	*17	*20	**34
Eastern Elevators.....	29	29	31	31	30	29	28	29	†20	†18	†17	†17	†17	†11	†10	†10	†13	†11	†16	†18	
Mill Elevators.....	17	15	19	19	21	22	26	25	†27	†18	†16	†10	†10	†12	†11	†9	†14				
Elevator Space.....									1	1	1	3	3	2	2	2				7	58
Track Buyers.....	40	40	41	46	51	64	57	48	62	82	84	88	95	104	109	113	132	143	131	156	123
Commission Merchants....	47	48	51	56	61	63	64	57	71	90	92	95	94	94	102	100	110	117	114	126	84
Grain Dealers.....	19	17	24	25	20	15	75	3	3	2	3	3	3	3	4	6	3	2			
Total number issued.....	4,879	5,472	5,785	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	4,646	4,543	4,374	4,361	4,112	3,980	4,014	3,441	3,921	2,271

* Licensed as Private Elevators.

† Licensed as Public Elevators.

‡ Licensed as Manufacturing Elevators.

** Licensed as Terminal Elevators.

(g) GRAIN LOADING PLATFORMS

During the year 1938 no applications were made to the Board under Section 60 of the Canada Grain Act for the erection or enlarging of any loading platforms.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	618	1,698
Saskatchewan.....	1,294	3,020
Alberta.....	734	1,515
British Columbia.....	35	66
Ontario.....	10	21
Total as at December 31, 1938.....	2,691	6,320

(h) ANNUAL REPORT OF STATISTICIAN

J. RAYNER, Esq., Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the Crop Year 1937-38. No new work of importance was added to the responsibilities of the Statistics Branch during the year.

The very efficient services of the Board's representative in London, Mr. Jas. McAnsh, together with the whole-hearted co-operation of the Canadian Trade Commissioners and grain and vessels interests engaged in the handling of imported grain have made possible a more complete set of statements showing the final distribution of exports of Canadian grain and wheat flour during the crop year, copies of which are appended. The wheat flour data were compiled by Mr. McAnsh from details supplied by the Canadian National Millers' Association. It will be observed, also, Durum wheat figures are shown separately from wheat of other varieties.

The valuable support of the New York Produce Exchange and the Philadelphia Commercial Exchange in furnishing details of cargoes of Canadian grain shipped from U.S. Atlantic seaboard ports, which are essential if complete records are to be available, is most gratefully acknowledged.

MARKETING AND MOVEMENT

The disastrous effects of drought, wind and insect pests upon the grain crops during the growing season of 1937 over a wide area in Saskatchewan and Alberta, brought about a very serious lowering of the total yields in the prairie provinces, with consequent closing of a large number of country elevators; curtailment of volume available for movement and handling in the course of transportation to overseas markets; and the payment of unusually large premiums over the nearby future for high-grade milling wheat. The following data show the monthly averages of daily quotations for 1 Northern and 2 Northern wheat as compared with the daily close of the nearby future (in cents and eighths of a cent per bushel).

	Nearby Future	1 Nor.	2 Nor.	3 Nor.	Average Premium for 1 Nor.
1937					
August-October.....	125/3	131/6	125/6	122	6/3
September-October.....	127/2	133/5	129	121/1	6/3
October-November.....	124	142/2	135/6	117/2	18/2
November-December.....	112/1	134/5	129/5	110/3	22/4
December-May.....	116/2	137/3	132/5	116/3	21/1
1938					
January-May.....	126/2	149/1	139/1	121/3	22/7
February-May.....	127/5	144/5	136/6	121/3	17
March-May.....	120/2	138/3	132/2	114/3	18/1
April-May.....	123/1	138/3	129/3	116/3	15/2
May-July.....	102/5	115/2	112	106/4	12/5
June-July.....	104/7	114/2	111/5	104/7	9/3
July-July.....	98/1	98/3	95/4	90/7	/2

(NOTE.—The official discounts for delivery of 2 Nor. and 3 Nor. against the current future are 3c. and 8c. respectively.)

The movement of U.S.A. grain overseas via Canadian St. Lawrence ports during the fall of 1937 was resumed in 1938 and continued in good volume through the season of navigation. The partial failure of Argentine grain crops, through drought and heat, set free a large volume of ocean tonnage which normally is required to carry that country's exportable surplus overseas. Ocean freight rates on shipments from Canadian winter ports and St. Lawrence ports remained steady throughout the season at the minimum basis of 2/9 per quarter to London, Antwerp, Rotterdam, etc., as fixed by the North Atlantic Freight Conference for full cargoes.

Grain freight rates on the Great Lakes for the greater part of the season reflected the immediate conditions. The ore movement was expected to prove quite light as unusually large supplies remained over from the previous year. Grain rates advanced steadily from around 4 cents per bushel for shipments to St. Lawrence ports in April to 5 $\frac{3}{4}$ cents in August. In September prospects appeared good for a continued heavy movement of both Canadian and U.S.A. grain and charters were made for large quantities with the result rates rose rapidly, until, effective October 1, the Board issued an order establishing 7 cents per bushel as the maximum rate on wheat to St. Lawrence ports. Actually the tonnage market appeared to be oversold and higher rates not justified; vessels presently being nominated against charters made earlier in the season at somewhat lower rates; whilst the best rate two vessels could get in the open market for prompt loading was 6 $\frac{1}{2}$ cents and 6 $\frac{3}{4}$ cents respectively.

From Vancouver shipments were very light indeed, high rates to the end of 1937 preventing business being consummated freely. In March the minimum rate was reduced to 20 shillings per ton to British ports and this rate held until the end of June. Early in July some space was engaged at 18 and 20 shillings per ton to British ports. Early in August forward shipments were being booked at 20 to 22 $\frac{1}{2}$ shillings whilst tonnage for prompt loading was let at 15 shillings to 20 shillings until mid-September. For the balance of the year the rate varied between 20 and 25 shillings.

Two Norwegian vessels were loaded at Fort William-Port Arthur during the crop year with cargoes of wheat, amounting to 114,375 bushels for direct shipment to Denmark and Finland.

PORT CHURCHILL

Two vessels were loaded at Port Churchill during the crop year with 603,982 bushels of wheat. No grain was moved to Churchill from country points during the crop year for storage and shipment during the ensuing summer.

OFFICIAL WEIGH-UP OF GRAIN IN ELEVATORS

Following the annual weighing of stocks of grain stored in public, semi-public and private terminal elevators in the Western Division, detailed statements of the overages and shortages, by grades, were prepared and submitted to the Board. In addition statements "B" showing the amounts of excess or deficiency in the first four statutory grades of wheat in semi-public and private terminal elevators and of each individual grade of grain in public terminal elevators were compiled in the manner prescribed by section 138, Canada Grain Act.

No excess due to the Crown was revealed by these calculations. Summaries of the results of the weigh-up are appended.

GENERAL

In compliance with section 102, Canada Grain Act, certified copies of all insurance policies covering the value of grain in store in public and semi-public elevators were filed. These were carefully scrutinized to ensure their being in accordance with the Act. Values of grain in store in public and semi-public terminal elevators are calculated week by week and compared with the amount of insurance reported as in force to verify the amount as being sufficient. Values of grain stored in public country elevators where specific policies are in effect are calculated regularly so that should the total insurance appear insufficient to fully cover the value of the grain licensees are immediately instructed to place additional insurance unless the increase has taken place in the interim.

As required under section 21, Canada Grain Act, copies of publications containing prices of grain at certain principal markets have been obtained and placed on file for reference. Permanent records of daily quotations for cash and futures prices at Winnipeg, Vancouver, Liverpool, and other principal markets are maintained and monthly averages of the daily quotations calculated.

Copies of charter confirmations covering lake shipments of grain from Fort William-Port Arthur were filed by shippers in accordance with the Inland Water Freight Rates Act, 1923, as amended. These were carefully checked against official records of actual shipments and used in the compilation of weighted averages of freight rates charged for the carriage of grain via different routes, monthly, during the year.

The following statistics, compiled from returns received from the Inspection and Weighing Branches of the Board, from elevator licensees and from other official sources, indicate the amounts of grain handled by the different groups of elevators in the course of distribution between producer and consumer; and the amounts exported, consumed and remaining as carry-over at the close of the crop year, as compared with the total crop of the five principal grains harvested in Canada. Special statements are included showing the final disposition of Canadian grain exported overseas and details of grades exported via Canadian Seaboard ports.

CROP YEAR 1937-38 (ended 31st July)

—	Carry-over July 31, 1937	Total crop* in Canada	Total disposed of during year	Carry-over July 31, 1938
	bush.	bush.	bush.	bush.
Wheat.....	37,048,839	182,410,000	194,922,981	24,535,858
Oats.....	18,266,043	268,442,000	267,209,390	19,498,653
Barley.....	4,796,213	83,124,000	81,289,279	6,630,934
Flaxseed.....	464,967	697,600	941,540	219,027
Rye.....	408,864	5,771,000	5,179,288	1,000,576

* 1937 crop estimates subject to slight final revision January 20, 1939.

GRAIN CROPS OF THE PRAIRIE PROVINCES, 1937*

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	48,000,000	43,075,000	34,800,000	370,000	2,460,000
Saskatchewan.....	37,000,000	22,338,000	5,518,000	123,000	635,000
Alberta.....	74,000,000	77,000,000	22,100,000	124,000	1,185,000
Total.....	159,000,000	142,413,000	62,418,000	617,000	4,280,000

PLATFORM LOADINGS AT COUNTRY POINTS IN WESTERN CANADA

—	Wheat	Other grains	Total
	bush.	bush.	bush.
Manitoba.....	3,994,851	3,937,020	7,931,871
Saskatchewan.....	107,782	70,008	177,790
Alberta.....	2,144,924	1,689,220	3,834,144
Total.....	6,247,557	5,696,248	11,943,805

TOTAL DELIVERIES AT COUNTRY ELEVATORS

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	33,330,024	6,565,603	15,876,303	202,335	1,092,672
Saskatchewan.....	25,547,919	5,046,520	1,452,743	127,442	175,624
Alberta and British Columbia	59,407,876	17,360,521	6,137,535	42,251	193,480
Total.....	118,285,819	28,972,644	23,466,581	372,028	1,461,776

TOTAL GRAIN INSPECTED, BY PROVINCES OF ORIGIN

Manitoba.....	40,385,000	6,506,000	17,481,750	192,500	1,107,780
Saskatchewan.....	25,173,000	2,433,000	1,513,800	108,500	135,075
Alberta and British Columbia	52,562,000	16,005,000	6,800,450	57,100	166,745
Total.....	118,120,000	24,944,000	25,796,000	358,100	1,409,600

TOTAL NET HANDLING AT FORT WILLIAM-PORT ARTHUR

Receipts.....	85,272,732	7,404,919	17,140,795	195,702	1,336,503
Shipments.....	85,030,761	7,502,745	17,223,629	365,574	841,000

TOTAL NET HANDLINGS AT VANCOUVER-NEW WESTMINSTER, B.C.

Receipts.....	7,496,785	1,696,429	2,366,628	1,077	49,017
Shipments.....	10,878,873	1,815,220	2,272,373	946	39,413

TOTAL NET HANDLINGS AT PRINCE RUPERT, B.C.

Receipts.....					
Shipments.....	910,940	1,063			

TOTAL NET HANDLINGS AT PORT CHURCHILL, HUDSON BAY

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Receipts.....					
Shipments.....	603,982				

TOTAL NET HANDLINGS AT CANADIAN GOVERNMENT INTERIOR
TERMINAL ELEVATORS

<i>Receipts—</i>					
Calgary.....	29,077	254,776	371,020	1,674	
Edmonton.....	18,401	703,256	100,736		
Lethbridge.....	1,379,282			(U.S.A. Wheat) 3,171	
Moose Jaw.....	916,656	609,133	77,148		
Saskatoon.....	Closed				
Total.....	2,343,416	1,567,165	548,904	1,674 (U.S.A. Wheat) 3,171	
<i>Shipments—</i>					
Calgary.....	29,067	293,385	371,073	1,674	
Edmonton.....	46,234	702,651	103,449		
Lethbridge.....	1,375,288	862		(U.S.A. Wheat) 3,171	
Moose Jaw.....	912,896	543,905	47,610		
Saskatoon.....	Closed				
Total.....	2,363,485	1,540,803	522,132	1,674 (U.S.A. Wheat) 3,171	

TOTAL NET PRIMARY RECEIPTS AT INTERIOR PRIVATE TERMINAL AND MILL
ELEVATORS

Receipts.....	28,305,406	10,441,620	6,613,870	336,795	106,916
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TOTAL HANDLINGS OF CANADIAN GRAIN AT DULUTH-SUPERIOR—(INCLUDING
IMPORTS, DUTY-PAID, FROM FORT WILLIAM-PORT ARTHUR)

Receipts.....			447,641		
Shipments.....	369,848		150,000		

TOTAL PRIMARY HANDLINGS OF GRAIN AT EASTERN ELEVATORS

—	Receipts	Shipments
	bush.	bush.
Canadian wheat.....	73,034,455	72,814,638
Canadian oats.....	5,905,801	5,863,427
Canadian barley.....	13,396,345	15,995,932
Canadian flaxseed.....	348,692	348,533
Canadian rye.....	895,193	673,784
Canadian corn.....	123,652	133,017
Canadian buckwheat.....	257,021	256,959
Canadian mixed grain.....	21,022	20,900
Canadian soya beans.....	3,650	
United States wheat.....	9,706,423	9,499,983
United States oats.....	10,172,271	9,221,421
United States barley.....	7,161,535	7,158,008
United States rye.....	3,242,989	3,424,932
United States corn.....	56,077,313	48,965,015
United States soya beans.....	1,093,056	1,084,903
South African corn.....	8,896,243	9,615,568
Argentine corn.....	3,249,407	6,445,996
Argentine flaxseed.....	2,645,931	2,703,500

TRADE AND COMMERCE

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS
MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTION)

	U.S.A. wheat	U.S.A. oats	U.S.A. corn	S. African corn	Argentine corn	Argentine flax
	bush.	bush.	bush.	bush.	bush.	bush.
Via Eastern elevators.....	4,240,354	8,732,826	1,477,199	7,541,987	1,167,696	1,088,255
Via Fort William-Port Arthur.....	2,871	97,558	19,994			
Via interior public terminals.....	3,171					
Via interior private terminals.....	767,409		489	9,969	22,333	19,923
Via country elevators.....	17,334	1,030,056	2,464	41,302		
Via Pacific coast elevators.....	234,174	5,206	71,536	648,237	278,358	
Total.....	5,265,313	9,865,646	1,571,682	8,241,495	1,468,387	1,108,178

QUANTITIES OF CANADIAN GRAIN SHIPPED IN VESSELS FROM FORT WILLIAM-
PORT ARTHUR TO CANADIAN AND UNITED STATES PORTS DURING THE CROP
YEAR 1937-38, ADJUSTED TO ALLOW FOR AMOUNTS RETURNED INTO CANADA
FROM U.S.A. LAKE PORTS.

	Wheat	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Total shipments—All ports.....	83,552,987	5,106,412	16,985,618	834,985
Shipped to Canadian ports.....	71,000,570	5,106,412	16,281,887	814,985
Shipped to U.S.A. ports.....	12,552,417	—	703,731	20,000
Returned from U.S.A. to Canadian ports.....	624,573			
Net total to U.S.A. ports.....	11,927,844		703,731	20,000
Net total to Canadian ports.....	71,625,143	5,106,412	16,281,887	814,985

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN GRAIN
EXPORTED OVERSEAS DURING CROP YEAR 1937-38

Country	From Canadian Pacific Seaboard	From Canadian St. Lawrence —Atlantic Seaboard	From Churchill and Fort William— Port Arthur	From U.S.A. Atlantic Seaboard	Total
	bush.	bush.	bush.	bush.	bush.
<i>Wheat (Other than Durum)—</i>					
Great Britain and Northern Ireland...	8,114,425	31,791,434	603,982	624,100	41,133,941
Irish Free State.....		3,009,430		294,000	3,303,430
Austria.....		39,984		42,327	82,311
Belgium.....	513,101	2,673,856		2,640,246	5,827,203
Denmark.....	56,000	357,752	57,533	1,758,483	2,229,768
Finland.....		243,454	56,842	567,480	867,776
France.....		806,976		1,006,056	1,813,032
Germany.....	964,000	197,866		15,670	1,177,536
Greece.....				74,957	74,957
Holland.....	401,430	1,236,554		1,193,325	2,831,309
Italy.....		112,770		23,989	136,759
Malta.....				148,674	148,674
Norway.....	112,000	1,595,528		690,711	2,398,239
Portuguese Colonies.....				20,532	20,532
Sweden.....	38,961	164,600		842,611	1,046,172
Switzerland.....	61,708	394,606		239,871	696,185
South Africa.....		103,106			103,106
Japan.....	511,338				511,338
Philippine Islands.....	917				917
Palestine and Syria.....				3,733	3,733
New Zealand.....	138,011				138,011
Colombia.....	28,008			163,572	191,580
Mexico.....				50,000	50,000
Central America.....	6,433			27,400	33,833
West Indies.....		6,100		9,496	15,596
Total—Wheat (Other than Durum).....	10,946,332	42,734,016	718,357	10,437,233	64,835,938
<i>Durum Wheat—</i>					
Great Britain and Northern Ireland...		2,206,500			2,206,500
Irish Free State.....					
Austria.....				18,667	18,667
Belgium.....		767,611		335,302	1,102,913
Denmark.....		8,000		11,998	19,998
Finland.....		64,000		50,383	114,383
France.....		1,393,010		623,937	2,016,947
Germany.....		63,520		484,176	547,696
Greece.....		1,532,382		966,135	2,498,517
Holland.....		11,828		8,000	19,828
Italy.....		94,922		15,087	110,009
Malta.....				70,786	70,786
Norway.....				8,000	8,000
Sweden.....		48,000		239,879	287,879
Switzerland.....		860,845		561,061	1,421,906
Algeria.....		385,053		116,522	501,575
Morocco.....		1,130,182		218,950	1,349,132
West Indies.....				7,000	7,000
Total—Durum Wheat.....		8,565,853		3,735,883	12,301,736

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN
GRAIN EXPORTED OVERSEAS DURING CROP YEAR 1937-38—Continued

Country	From Canadian Pacific Seaboard	From Canadian St. Lawrence —Atlantic Seaboard	From Churchill and Fort William— Port Arthur	From U.S.A. Atlantic Seaboard	Total
	bush.	bush.	bush.	bush.	bush.
<i>Wheat—All Varieties—</i>					
Great Britain and Northern Ireland...	8,114,425	33,997,934	603,982	624,100	43,340,441
Irish Free State.....		3,009,430		294,000	3,303,430
Austria.....		39,984		60,994	100,978
Belgium.....	513,101	3,441,467		2,975,548	6,930,116
Denmark.....	56,000	365,752	57,533	1,770,481	2,249,766
Finland.....		307,454	56,842	617,863	982,159
France.....		2,199,986		1,629,993	3,829,979
Germany.....	964,000	261,386		499,846	1,725,232
Greece.....		1,532,382		1,041,092	2,573,474
Holland.....	401,430	1,248,382		1,201,325	2,851,137
Italy.....		207,692		39,076	246,768
Malta.....				219,460	219,460
Norway.....	112,000	1,595,528		698,711	2,406,239
Portuguese Colonies.....				20,532	20,532
Sweden.....	38,961	212,600		1,082,490	1,334,051
Switzerland.....	61,708	1,255,451		800,932	2,118,091
Algeria.....		385,053		116,522	501,575
Morocco.....		1,130,182		218,950	1,349,132
South Africa.....		103,106			103,106
Japan.....	511,338				511,338
Philippine Islands.....	917				917
Palestine and Syria.....				3,733	3,733
New Zealand.....	138,011				138,011
Colombia.....	28,008			163,572	191,580
Mexico.....				50,000	50,000
Central America.....	6,433			27,400	33,833
West Indies.....		6,100		16,496	22,596
Total—Wheat, all Varieties.....	10,946,332	51,299,869	718,357	14,173,116	77,137,674
<i>Oats—</i>					
Great Britain and Northern Ireland...	1,094,147	2,681,070			3,775,217
Holland.....	33,600	404,965			438,565
Switzerland.....	56,471	37,617			94,088
China.....	48,047				48,047
Federated Malay States.....	5,206				5,206
Straits Settlements.....	2,941				2,941
Newfoundland.....		7,811			7,811
West Indies.....	57,663				57,663
Total.....	1,298,075	3,131,463			4,429,538
<i>Barley—</i>					
Great Britain and Northern Ireland...	2,116,033	11,461,438			13,577,471
Irish Free State.....		140,000			140,000
Belgium.....		74,752			74,752
France.....		37,043			37,043
Holland.....		172,835		124,268	297,103
Switzerland.....		254,148		59,805	313,953
China.....	5,208				5,208
Federated Malay States.....	150				150
Straits Settlements.....	23				23
Total.....	2,121,414	12,140,216		184,073	14,445,703

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN
GRAIN EXPORTED OVERSEAS DURING CROP YEAR 1937-38—*Concluded*

Country	From Canadian Pacific Seaboard	From Canadian St. Lawrence —Atlantic Seaboard	From Churchill and Fort William— Port Arthur	From U.S.A. Atlantic Seaboard	Total
	bush.	bush.	bush.	bush.	bush.
<i>Rye—</i>					
Great Britain and Northern Ireland.....		70,937			70,937
Belgium.....		123,628			123,628
Denmark.....		33,990			33,990
France.....		8,560			8,560
Holland.....		295,894			295,894
Switzerland.....		32,965			32,965
Total.....		565,974			565,974
<i>Buckwheat—</i>					
Great Britain and Northern Ireland.....		6,235			6,235
Belgium.....		50,102		1,600	51,702
Holland.....		181,232		9,998	191,230
Total.....		237,569		11,598	249,167

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN WHEAT
AND WHEAT FLOUR EXPORTED OVERSEAS DURING CROP YEAR 1937-38

Country	Wheat (Other than Durum)	Durum Wheat	Wheat Flour (Expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
	bush.	bush.	bush.	bush.
Great Britain and Northern Ireland and Irish Free State.....	44,437,371	2,206,500	9,406,465	56,050,336
Austria.....	82,311	18,667	.....	100,978
Belgium.....	5,827,203	1,102,913	2,667	6,932,783
Belgian Colonies.....	.....	.....	1,699	1,699
Czechoslovakia.....	.....	.....	184	184
Denmark.....	2,229,768	19,998	.....	2,249,766
Finland.....	867,776	114,383	67,181	1,049,340
France.....	1,813,032	2,016,947	621	3,830,600
French Colonies.....	.....	.....	76,756	76,756
Germany.....	1,177,536	547,696	361	1,725,593
Greece.....	74,957	2,498,517	.....	2,573,474
Greenland-Iceland.....	.....	.....	9,967	9,967
Holland.....	2,831,309	19,828	70,147	2,921,284
Dutch Colonies.....	.....	.....	90,632	90,632
Italy.....	136,759	110,009	3,437	250,205
Malta.....	148,674	70,786	94,545	314,005
Norway.....	2,398,239	8,000	494,197	2,900,436
Portugal.....	.....	.....	450	450
Portuguese Colonies.....	20,532	.....	38,464	58,996
Sweden.....	1,046,172	287,879	10,412	1,344,463
Switzerland.....	696,185	1,421,906	.....	2,118,091
British East Africa.....	.....	.....	147	147
British South Africa.....	103,106	.....	10,074	113,180
British West Africa.....	.....	.....	75,453	75,453
Southern Rhodesia.....	.....	.....	8,282	8,282
Egypt.....	.....	.....	8,229	8,229
Liberia.....	.....	.....	6,711	6,711
Algeria.....	.....	501,575	.....	501,575
Morocco.....	.....	1,349,132	756	1,349,888
Aden.....	.....	.....	1,170	1,170
China.....	.....	.....	180,950	180,950
Hong Kong.....	.....	.....	524,444	524,444
India.....	.....	.....	1,651	1,651
Japan.....	511,338	.....	9,846	521,184
Palestine and Syria.....	3,733	.....	4,823	8,556
Fiji Islands.....	.....	.....	31	31
Philippine Islands.....	917	.....	599,383	600,300
Straits Settlements.....	.....	.....	9,334	9,334
Australia.....	.....	.....	926	926
New Zealand.....	138,011	.....	.....	138,011
Bolivia.....	.....	.....	450	450
Brazil.....	.....	.....	27,994	27,994
British Guiana.....	.....	.....	381,142	381,142
Colombia.....	191,580	.....	.....	191,580
Venezuela.....	.....	.....	85,945	85,945
Bermuda.....	.....	.....	116,428	116,428
West Indies.....	15,596	7,000	2,478,924	2,501,520
Central America.....	33,833	.....	93,792	127,625
Mexico.....	50,000	.....	.....	50,000
Newfoundland.....	.....	.....	1,069,132	1,069,132
Alaska.....	.....	.....	19	19
U.S.A.—	.....	.....	.....	.....
For home consumption.....	108,125	.....	179,220	287,345
For grinding in bond.....	2,096,421	.....	.....	2,096,421
Total.....	67,040,484	12,301,736	16,243,441	95,585,661

Country	August	September	October	November	December	January	February	March	April	May	June	July	Total
<i>Wheat—All Varieties—</i>													
Great Britain and Nor. Ireland.....	4,042,863	5,035,348	6,144,229	6,071,109	4,597,950	2,814,389	2,648,780	1,308,376	1,133,053	2,823,384	2,979,375	3,740,585	43,340,441
Irish Free State.....	267,897	128,000	657,987	565,788	152,000	332,794	284,154	144,055	39,988	380,607	134,160	216,000	3,303,430
Austria.....	8,960	8,960	45,387	22,647	442,608	471,745	1,170,340	15,984	116,218	635,847	527,507	212,323	6,930,116
Belgium.....	359,841	359,841	954,702	1,472,490	330,329	79,809	109,939	72,580	18,667	153,360	111,177	115,400	2,249,766
Denmark.....	304,581	366,914	296,347	261,141	33,985	95,714	17,839	102,042	46,795	155,321	31,200	65,746	982,159
Finland.....	30,191	102,584	177,350	190,295	225,492	90,231	112,230	306,017	138,889	806,702	617,780	377,780	3,829,979
France.....	209,980	294,177	438,989	241,512	152,190	174,567	182,933	8,000	8,000	12,890	12,890	182,664	1,725,232
Germany.....	173,333	60,534	20,000	254,470	589,463	93,624	82,097	363,625	362,053	818,612	324,000	186,408	2,573,474
Greece.....	120,756	95,783	359,079	550,710	200,239	558,194	93,003	112,082	96,828	382,046	116,009	186,408	2,573,474
Holland.....	23,989	39,961	39,961	13,600	23,087	7,945	14,920	286,621	22,390	44,156	68,617	25,413	246,768
Italy.....	22,298	48,531	74,121	242,667	120,000	246,345	157,745	286,621	298,667	103,666	103,666	262,200	2,406,239
Malta.....	246,400	201,123	240,800	10,266	2,800	10,266	2,800	38,961	55,840	7,406	142,880	236,382	20,532
Norway.....	74,462	133,950	106,585	153,032	183,853	43,973	164,133	38,961	65,952	366,943	167,971	251,137	1,334,051
Portuguese Colonies.....	135,568	122,891	236,017	560,179	114,820	35,757	56,856	4,000	116,522	385,053	2,800	17,333	2,118,091
Sweden.....	11,200	11,947	502,683	846,449	8,397	934	9,237	10,260	1,299	2,333	2,800	17,333	501,575
Switzerland.....	173,300	136,633	196,467	4,938	167	83	83	84	83	83	84	83	1,349,132
Algeria.....	167	83	3,733	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,103,106
Morocco.....	37,333	1,000	43,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	511,338
British South Africa.....	50,573	20,974	22,995	24,375	8,250	11,750	12,995	18,124	10,562	750	2,500	7,732	917
Japan.....	12,450	10,576	5,475	50,000	3,000	.....	.....	.....	.....	.....	.....	.....	83
Philippine Islands.....	3,900	4,420	1,560	2,332	460	480	520	2,520	1,520	1,500	2,456	2,440	511,338
Palestine and Syria.....	.....	.....	.....	820	.....	.....	.....	.....	.....	.....	.....	.....	3,733
New Zealand.....	6,388,867	7,169,263	10,584,433	11,633,378	7,186,590	5,012,093	5,139,331	3,264,121	2,178,819	7,318,252	5,352,738	5,909,789	138,011
Colombia.....	.....	.....	.....	24,375	8,250	11,750	12,995	18,124	10,562	750	2,500	7,732	10,163
Mexico.....	.....	.....	.....	50,000	3,000	.....	.....	.....	.....	.....	.....	.....	7,732
Central America.....	.....	.....	.....	2,332	460	480	520	2,520	1,520	1,500	2,456	2,440	750
West Indies.....	.....	.....	.....	820	.....	.....	.....	.....	.....	.....	.....	.....	50,000
Total exported overseas.....	6,388,867	7,169,263	10,584,433	11,633,378	7,186,590	5,012,093	5,139,331	3,264,121	2,178,819	7,318,252	5,352,738	5,909,789	33,883
U.S.A.—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,596
For home consumption.....	101,400	1,274	603	60	180	3,462	110	462	566	8	.....	.....	2,440
For grinding in bond.....	766,290	452,105	348,167	182,527	78,000	50,293	25,400	7,650	6,700	46,130	86,050	47,109	5,956,898
Grand total wheat exported.....	7,256,557	7,622,642	10,933,203	11,815,905	7,264,770	5,065,848	5,164,841	3,272,233	2,186,085	7,364,390	5,438,788	5,956,898	79,342,220

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATION—OF CANADIAN GRAIN EXPORTED OVERSEAS, MONTHLY, DURING THE CROP YEAR 1937-38—
Concluded

Country	August	September	October	November	December	January	February	March	April	May	June	July	Total
<i>Oats—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Great Britain and Northern Ire- land.....	353,755	113,114	301,177	436,938	513,211	232,942	252,706	106,057	134,440	318,049	575,270	437,552	3,775,217
Holland.....	28,235	37,647	.....	141,602	.....	.....	18,823	83,548	15,895	65,756	.....	65,882	438,565
Switzerland.....	18,824	.....	.....	.....	9,408	18,823	.....	18,824	.....	.....	9,386	.....	94,088
China.....	5,368	4,171	1,470	2,059	4,631	4,203	3,006	4,859	6,536	4,477	5,494	1,573	48,047
Federated Malay States.....	.....	294	441	441	765	736	441	618	294	294	588	.....	5,205
Straits Settlements.....	706	177	176	177	176	235	176	294	177	177	294	176	2,941
Newfoundland.....	.....	.....	7,811	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,811
West Indies.....	1,647	470	2,965	2,141	6,871	4,188	8,306	8,353	5,757	7,059	5,176	4,730	57,663
Total.....	408,535	155,873	313,893	583,358	535,262	260,832	283,763	222,376	163,105	395,812	596,208	510,531	4,429,538
<i>Barley—</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Britain and Northern Ire- land.....	742,531	1,447,657	1,974,011	1,993,470	816,283	848,789	705,816	616,500	278,048	1,612,818	1,382,754	1,158,794	13,577,471
Irish Free State.....	.....	.....	.....	30,410	.....	.....	.....	.....	.....	.....	140,000	.....	140,000
Belgium.....	.....	5,913	38,429	.....	.....	.....	.....	.....	.....	.....	.....	.....	74,752
France.....	.....	23,120	.....	9,333	.....	.....	.....	.....	.....	.....	.....	.....	37,043
Holland.....	.....	14,641	115,867	116,410	20,185	.....	.....	20,000	10,000	.....	.....	.....	297,103
Switzerland.....	.....	165,563	85,985	24,614	.....	.....	625	625	24,791	.....	.....	.....	313,953
China.....	13,000	.....	.....	417	521	625	625	625	.....	312	.....	625	5,208
Federated Malay States.....	625	12	13	12	13	12	13	12	13	13	19	18	150
Straits Settlements.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
Total.....	756,179	1,638,584	2,237,425	2,174,666	837,002	849,426	706,454	637,137	313,477	1,613,143	1,522,773	1,150,437	14,445,703
<i>Rye—</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Britain and Northern Ire- land.....	.....	.....	8,571	.....	.....	.....	.....	8,554	.....	8,572	.....	8,572	70,837
Belgium.....	62,590	19,286	8,572	14,702	4,785	17,181	.....	.....	.....	8,553	15,664	8,572	123,628
Denmark.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,276	.....	25,714	33,990
France.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,560
Holland.....	96,014	25,714	44,271	8,572	8,565	.....	.....	.....	.....	39,558	47,486	25,714	295,894
Switzerland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,880	7,942	17,143	32,965
Total.....	158,604	45,000	61,414	23,274	13,350	17,181	.....	8,554	.....	73,139	71,092	94,366	565,874
<i>Buckwheat—</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Britain and Northern Ire- land.....	.....	.....	.....	.....	1,247	.....	.....	.....	2,527	2,461	.....	.....	6,235
Belgium.....	.....	.....	10,000	21,600	.....	15,000	.....	.....	.....	.....	5,102	.....	51,702
Holland.....	.....	.....	.....	112,380	.....	10,363	48,311	.....	.....	.....	.....	.....	191,230
Total.....	.....	.....	30,176	133,980	1,247	25,363	48,311	.....	2,527	2,461	5,102	.....	249,167

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN PORTS,*
CROP YEAR 1937-38

Grade	Via Canadian Pacific Seaboard Ports	Via St. Lawrence and Atlantic Seaboard Ports	Via Churchill and Fort William- Port Arthur (Direct)	Total
	bush.	bush.	bush.	bush.
<i>Wheat—</i>				
1 Manitoba Hard.....	618,961	121,703	8,383	749,047
1 Manitoba Northern.....	1,456,957	14,218,589	306,287	15,981,833
2 Manitoba Northern.....	1,218,272	6,849,296	8,459	8,076,027
Old 2 Manitoba Northern.....		48,286		48,286
3 Manitoba Northern.....	6,056,012	13,943,115	363,986	20,368,113
4 Manitoba Northern.....	1,325,838	6,019,979	26,242	7,372,059
Number 5.....	214,293	182,136		396,429
Number 6.....		51,425		51,425
No. 4 Special.....		151,282		151,282
Feed.....	46,666	333,069		379,735
1 C.W. Garnet.....		502,534		502,534
2 C.W. Garnet.....	9,333	132,135		141,468
Others.....		180,468		180,468
1 C.W. Amber Durum.....		1,048,940		1,048,940
2 C.W. Amber Durum.....		6,559,907		6,559,907
3 C.W. Amber Durum.....		925,038		925,038
Others Durum.....		31,967		31,967
Total.....	10,946,332	51,299,869	718,357	62,964,558
<i>Oats—</i>				
2 C.W. White.....	37,178	149,904		187,082
3 C.W.....	106,182	622,808		728,990
Ex. 1 Feed.....	1,059			1,059
1 Feed.....	1,012,883	983,761		1,996,644
2 Feed.....	57,051	263,427		320,478
Mixed Feed.....	66,535	1,083,064		1,149,599
Others.....	17,187	28,499		45,686
Total.....	1,298,075	3,131,463		4,429,538
<i>Barley—</i>				
3 Ex. C.W. Six-Row.....		2,833,484		2,833,484
3 C.W.....	1,658,789	9,290,907		10,949,696
4 C.W.....	445,200	15,825		461,025
5 C.W.....	16,333			16,333
Others.....	1,092			1,092
Total.....	2,121,414	12,140,216		14,261,630
<i>Rye—</i>				
2 C.W.....		418,835		418,835
3 C.W.....		147,139		147,139
Total.....		565,974		565,974

*Details of grades shipped via U.S.A. Atlantic Seaboard ports not available.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1937-38—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	10,035,392	1,298,075	2,121,414		
Prince Rupert.....	910,940				
Port Churchill.....	603,982				
Fort William-Port Arthur.....	114,375				
Montreal.....	37,542,948	2,822,553	9,201,401	526,889	237,569
Sorel.....	3,290,062		194,545		
Three Rivers.....	1,098,093		541,779		
Quebec.....	496,087	9,386	351,052		
St. John.....					
West St. John.....	8,712,711	299,524	1,851,439	39,085	
Halifax.....	159,968				
Total—Canadian ports.....	62,964,558	4,429,538	14,261,630	565,974	237,569
New York.....	12,035,218		144,161		11,598
Albany.....	1,313,632				
Philadelphia.....	443,182				
Baltimore.....	152,519		39,912		
Boston.....	228,565				
Total—U.S.A. ports.....	14,173,116		184,073		11,598
Grand Total.....	77,137,674	4,429,538	14,445,703	565,974	249,167

OVERSEAS EXPORTS OF CANADIAN GRAIN, MONTHLY, BY GROUPS OF PORTS
FROM WHICH SHIPPED, CROP YEAR 1937-38

	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	Bush.	Bush.	Bush.	Bush.	Bush.
<i>Via Canadian Pacific Seaboard Ports—</i>					
August, 1937.....	269,746	7,721	648		
September, 1937.....	331,104	5,112	221		
October, 1937.....	1,243,377	4,906	12		
November, 1937.....	1,332,901	4,818	429		
December, 1937.....	2,030,642	356,087	76,133		
January, 1938.....	1,473,993	242,009	453,788		
February, 1938.....	1,584,825	264,929	514,788		
March, 1938.....	1,018,257	169,147	293,237		
April, 1938.....	662,127	133,631	70,637		
May, 1938.....	312,731	74,595	235,292		
June, 1938.....	194,895	28,023	396,252		
July, 1938.....	491,734	7,097	79,977		
Total.....	10,946,332	1,298,075	2,121,414		
<i>Via Canadian St. Lawrence-Atlantic Sea- board Ports—</i>					
August, 1937.....	4,572,335	400,814	755,531	158,604	
September, 1937.....	5,379,105	150,761	1,638,363	45,000	
October, 1937.....	6,888,254	308,987	2,222,423	61,414	30,176
November, 1937.....	8,509,680	578,540	2,080,130	23,274	132,380
December, 1937.....	3,503,777	179,175	740,684	13,350	1,247
January, 1938.....	2,165,076	18,823	395,638	17,181	25,363
February, 1938.....	1,772,083	18,824	191,666		38,313
March, 1938.....	1,039,088	53,229	323,900	8,554	
April, 1938.....	945,947	29,474	208,049		2,527
May, 1938.....	6,850,427	321,217	1,377,851	73,139	
June, 1938.....	5,001,730	568,185	1,126,521	71,092	5,102
July, 1938.....	4,672,367	503,434	1,079,460	94,366	
Total.....	51,299,869	3,131,463	12,140,216	565,974	237,569
<i>Via Churchill—</i>					
August, 1937.....	603,982				
September, 1937 to July, 1938.....					
Total.....	603,982				
<i>Via Fort William-Port Arthur—</i>					
October, 1937.....	57,533				
November, 1937.....	56,842				
December, 1937, to July, 1938.....					
Total.....	114,375				
<i>Via U.S.A Atlantic Seaboard Ports—</i>					
August, 1937.....	942,804				
September, 1937.....	1,459,054				
October, 1937.....	2,395,269		14,990		
November, 1937.....	1,733,955		94,107		1,600
December, 1937.....	1,652,171		20,185		
January, 1938.....	1,373,024				
February, 1938.....	1,782,423				9,998
March, 1938.....	1,206,776		20,000		
April, 1938.....	570,745		34,791		
May, 1938.....	155,094				
June, 1938.....	156,113				
July, 1938.....	745,688				
Total.....	14,173,116		184,073		11,598

EXPORT CLEARANCES OF CANADIAN WHEAT AND WHEAT FLOUR, MONTHLY, CROP YEAR 1937-1938 (ENDED JULY 31)

Month	Canadian Pacific Seaboard Ports	Canadian Atlantic Seaboard Ports	Churchill	Fort William- Port Arthur	U. S. Atlantic Seaboard Ports	U. S. A. Imports*		Total All Wheat	Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
						Con- sumption, Duty-Paid	Milling in Bond			
1937	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
	August.....	269,746	4,572,335	603,982	.....	942,804	766,290	7,256,557	1,298,736	8,555,293
	September.....	331,104	5,379,105	.....	.....	1,459,054	452,105	7,622,642	1,379,947	9,002,589
	October.....	1,243,377	6,888,254	.....	57,533	2,395,269	348,167	10,933,203	1,514,141	12,447,344
	November.....	1,332,901	8,509,680	.....	56,842	1,733,955	60	11,815,965	1,826,644	13,642,609
	December.....	2,030,642	3,503,777	.....	.....	1,652,171	180	7,264,770	1,519,551	8,784,321
1938	January.....	1,473,993	2,165,076	.....	.....	1,373,024	3,462	5,065,848	1,330,992	6,396,840
	February.....	1,584,825	1,772,083	.....	.....	1,782,423	110	5,164,841	1,226,196	6,391,037
	March.....	1,018,257	1,039,088	.....	.....	1,206,776	462	3,272,233	1,357,809	4,630,042
	April.....	662,127	945,947	.....	.....	570,745	566	2,186,085	831,163	3,017,248
	May.....	312,731	6,850,427	.....	.....	155,094	8	7,364,390	1,337,067	8,701,457
	June.....	194,895	5,001,730	.....	.....	156,133	.....	5,438,788	1,347,763	6,786,551
	July.....	491,734	4,672,367	.....	.....	745,688	.....	5,956,898	1,273,432	7,230,330
Total 1937-38.....		10,946,332	51,299,869	603,982	114,375	14,173,116	108,125	79,342,220	16,243,441	95,585,661
Total 1936-37.....		32,587,003	84,792,232	4,293,501	571,371	23,642,065	30,288,923	13,232,247	†	†

* U. S. A. official figures.

† Not available.

SUMMARY OF SURPLUSES AND DEFICITS

GRAIN COMMISSION

Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>										
Calgary.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	pounds	pounds
Edmonton.....		12-20	426-06				368-36			
Lethbridge.....		77-30	675-00				109-14			
		1,918-00			347-02				5,620	
Totals.....		2,007-50	1,101-06		347-02		478-02		5,620	
Net Total—Surplus..... or Deficit.....			1,101-06		347-02		478-02		5,620	
		2,007-50								

ANNUAL WEIGH-UP, JULY 31, 1938

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, JULY 31st, 1938, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

LICENSEE	EXCESS				DEFICIENCY			
	1 Hard	1 Northern	2 Northern	3 Northern	1 Hard	1 Northern	2 Northern	3 Northern
Canadian Government—								
Calgary.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton.....				2-10		28-10	9-50	
Lethbridge.....						126-10	11-10	51-10
					31-10	5,845-30	229-20	34-40

There is no excess due to the Crown in the first four statutory grades of wheat from the above elevators.

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory grades of WHEAT, as revealed by the annual weigh-up, July 31, 1938, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, and arrived at in the manner prescribed in section 138, Canada Grain Act, 1930, and amendments thereto.

LICENSEE	EXCESS			DEFICIENCY				
	1 Hard	1 Northern	2 Northern	3 Northern	1 Hard	1 Northern	2 Northern	3 Northern
Bawlf Terminal Elevator Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Canadian Consolidated Grain Co. Ltd.—								
"Empire"								
"Thunder Bay"								
Eastern Terminal Elevator Co. Ltd.—								
"Richardson"					55-50	103-40	60-20	70-30
Federal Grain Limited—					244-40	2,167-30	1,471-50	3,271-10
"Consolidated"								
"Northwestern"		1-00						
Fort William Elevator Co. Ltd.					36-40	1,961-20	596-10	1,595-20
Grand Trunk Pacific Elevator Co. Ltd.					4-20	1,921-40	1,021-40	1,551-00
Manitoba Pool Elevators Limited—		148-50					4,022-40	458-30
"Number 1"			4,142-50		4-50	7,019-50		841-40
"Number 2"			4,725-00		16-40	8,868-00		6,155-00
"Number 4"					5-00	1,025-20	4,761-10	
"Number 5"		-10			24-40		1,050-10	
McCabe Bros. Grain Co. Ltd.					3-30	539-10		
Ogilvie Flour Mills Co. Ltd.					20-10		1,212-30	1,867-50
N. M. Paterson & Co. Ltd.		1,055-40			6-20	268-40	1,707-00	1,007-00
Reliance Grain Co. Ltd.		262-10	124-40		99-30		412-30	955-00
Saskatchewan Pool Terminals Limited—								2,201-00
"Number 7"					90-20	6,174-30	1,130-30	2,889-20
Searle Terminal Limited.					9-00	2,315-10	3,037-30	8,149-50
Superior Elevator Co. Ltd.—								
"P. & H."		601-10			48-30		214-00	934-30
Union Terminal Limited.					10-10	634-50	261-30	115-20
United Grain Growers Terminals Ltd.					51-30	1,937-00	4,288-20	5,847-00
Western Grain Co. Ltd.					22-50	1,328-10	311-10	1,052-30

There is no excess due to the Crown from the above elevators.

ANNUAL WEIGH-UP, JULY 31, 1938

SUMMARY of the results of calculations of EXCESS or DEFICIENCY in the first four statutory grades of WHEAT, as revealed by the annual weigh-up, July 31, 1938, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS at VANCOUVER-NEW WESTMINSTER, PRINCE RUPERT and CHURCHILL, and arrived at in the manner prescribed in section 138, Canada Grain Act, 1930, and amendments thereto.

LICENSEE	EXCESS			DEFICIENCY				
	1 Hard	1 Northern	2 Northern	3 Northern	1 Hard	1 Northern	2 Northern	3 Northern
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Vancouver-New Westminster—</i>								
Alberta Wheat Pool, Elevator No. 1.....					1,406-50	1,419-30	1,351-40	2,051-40
Columbia Grain Elevator Co. Ltd.....					35-30	101-40	15-50	912-40
Midland Pacific Terminal Ltd.....					328-20	252-30	481-00	1,403-40
Pacific Elevators Ltd. Elevator "B".....					51-50	1,153-10	591-00	3,991-20
Searle Terminal Limited.....						4-20	69-00	658-10
United Grain Growers Terminals Ltd.....						457-10	85-50	502-00
<i>Prince Rupert—</i>								
Alberta Wheat Pool.....		1,149-30			1,374-50		275-30	1,828-50
<i>Churchill—</i>								
National Harbours Board.....				164-20				

There is no excess due to the Crown from any of the above elevators.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.	
D. A. MacGibbon, Commissioner, Board of Grain Commissioners.	
C. M. Hamilton, Commissioner, Board of Grain Commissioners.	
J. D. Fraser, Chief Inspector, Board of Grain Commissioners.	
James Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.	
C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.	
J. Watson, Chairman, Grain Appeal Tribunal, Calgary.	
Dr. W. F. Geddes, Chemist in Charge, Grain Research Laboratory.	
L. H. Newman, Dominion Cerealists.	
H. Sellers, representing Millers of Wheat Flour.	
George Bennett, W. H. Fairfield, R. H. MacDonald, B. S. Plumer,	} representing Grain Growers in Alberta.
Dr. L. E. Kirk.	
J. Wellbelove, W. Wright, G. E. Canfield, A. Sproule,	} representing Grain Growers in Saskatchewan.
E. F. Bredt,	
Dr. J. H. Craigie, J. Quick,	} representing Grain Growers in Manitoba.
G. Constable, representing Grain Growers in British Columbia.	

COMMITTEE ON EASTERN GRAIN STANDARDS

D. A. MacGibbon, Commissioner, Board of Grain Commissioners.	
C. M. Hamilton, Commissioner, Board of Grain Commissioners.	
Norman Wright, representing Montreal Board of Trade.	
E. D. Sullivan, representing Toronto Board of Trade.	
T. A. Climo, representing Exporters of Grain.	
C. H. G. Short, J. Page,	} representing Millers of Wheat in the Eastern Division.
R. J. Scott, I. Currie,	
W. G. Thompson, additional.	
C. M. Vittie, additional.	
G. E. McConney, additional.	

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
James Cuddy (Chairman).	J. Watson (Chairman).	C. R. Manahan (Chairman)
Grant Hammond.	F. T. Allison.	J. W. Allen.
J. McMahon.	J. A. Harris.	W. N. Boyle.
A. F. Moore.	W. McLeod.	A. Fraser.
J. Murray.	E. J. Munson.	C. C. Gillies.
S. C. Swanton.	G. C. Arbuthnott.	J. A. Kyle.
C. J. Wells.	A. Watson.	L. T. Ingram.
P. V. Wright.	J. D. Russell.	R. H. Settle.
D. Baxter (Secretary).	E. S. Munro (Secretary).	F. J. Wolfe.
		John Blue (Secretary).

Toronto

G. D. Brundrit.
 C. H. Coatsworth.
 R. C. Pratt.
 N. H. Campbell.
 C. W. Heimbecker.
 L. S. Johnston.
 W. N. McCarthy.
 G. E. McConney.
 E. D. Sullivan.
 K. F. Wadsworth.

Montreal

B. J. Bolan.
 A. Chaplin.
 F. B. Earle.

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1938

	Number of appeals held	Number of appeals allowed		Number of appeals dis- allowed
		Raised	Lowered	
Winnipeg.....	1,398	210	3	1,185
Calgary.....	231	45	4	182
Edmonton.....	32	2	.....	30
Toronto.....	.....	.....	.....	.....
Montreal.....	.....	.....	.....	.....

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., January 4, 1939.

THE SECRETARY,
Board of Grain Commissioners for Canada.
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and Eastern warehouse receipts or transfer receipts during the crop year ended August 31, 1938:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	98,463,483-50	92,640,447-20
Oats.....	7,908,956-12	8,897,663-11
Barley.....	18,443,063-38	18,092,985-30
Flax.....	249,672-47	444,758-13
Rye.....	2,129,137-51	1,895,049-26
Mixed Grain.....	113,487-32	50,595-40
Barley Malt.....	559,428-22	559,428-22
Corn.....	123,582-28	125,381-04
<i>Vancouver—</i>		
Wheat.....	7,840,428-30	11,729,179-20
Oats.....	1,467,932-27	1,471,285-30
Barley.....	2,323,749-18	2,268,677-44
Flax.....	115-30	451-24
Rye.....	9,406-02	9,045-20
Mixed grain.....	11,442-10	10,018-00
Corn.....	184,577-28	184,229-36
<i>Calgary—</i>		
Wheat.....	30,604-10	31,580-00
Oats.....	254,775-30	251,314-06
Barley.....	371,220-14	371,073-06
Flax.....	1,673-36	1,673-36
Mixed grain.....		344-20
<i>Edmonton—</i>		
Wheat.....	20,575-10	46,645-20
Oats.....	697,623-18	702,589-04
Barley.....	107,170-28	99,948-26
Mixed grain.....	653-40	653-40
<i>Lethbridge—</i>		
Wheat.....	1,303,206-30	1,370,839-40
<i>Total—</i>		
Wheat.....	107,658,297-50	105,818,691-40
Oats.....	10,329,287-53	11,322,852-17
Barley.....	21,245,204-02	20,832,685-10
Flax.....	251,462-01	446,883-17
Rye.....	2,138,543-53	1,904,094-46
Mixed grain.....	125,583-32	61,612-00
Barley malt.....	559,428-22	559,428-22
Corn.....	308,160-00	309,610-40

REPORT OF REGISTRAR—Conc.

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Montreal—</i>		
Wheat.....	127,499,920-40	129,463,917-10
Oats.....	21,588,450-26	18,422,592-20
Barley.....	41,213,365-05	42,048,697-24
Flax.....	2,255,281-04	2,635,185-44
Rye.....	5,862,715-54	6,721,530-17
Mixed grain.....	33,205-08	33,204-42
Corn.....	122,290,659-14	121,555,564-31
Screenings.....	592,398-20	508,366-40
Beans.....	1,333,668-10	1,326,668-10
Buckwheat.....	264,426-52	233,646-22

Yours respectfully,

W. T. TODD,

Registrar.

APPENDIX No. 5

REPORT OF CHIEF GRAIN INSPECTOR

October 17, 1938.

MR. J. RAYNER,

Secretary, Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I herewith submit my annual report covering car and cargo inspections in the Western Division; car and cargo inspections and sampling in the Eastern Division, for the crop year ending July 31, 1938.

The crop of 1937 in the Western Division was very severely affected by drought over a very wide area, which cut the yield of grain, resulting in the shortest crop since the year 1910. The crop was harvested under good conditions, and the grain produced was of a high grade and excellent quality.

The total number of cars inspected in the Western Division for the year 1937-1938 was 113,491, as against 154,412 for the previous year, a decrease of 40,921 cars.

Yours truly,

JAS. D. FRASER,

Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1937, to July 31, 1938, are made up as follows:—

	Cars	Percentages
Wheat.....	83,126	73.245
Oats.....	12,759	11.242
Barley.....	15,988	14.088
Flax.....	347	.306
Rye.....	1,029	.907
Mixed Grain.....	99	.087
Corn.....	40	.035
Screenings.....	103	.090
Total.....	113,491	100.000

The grades of Wheat are as follows:—

	Cars	Per- centages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	98	.151		
1 Manitoba Northern.....	15,371	23.629		
2 Manitoba Northern.....	16,399	25.209		
3 Manitoba Northern.....	22,981	35.328		
4 Manitoba Northern.....	3,751	5.766		
No. 5.....	628	.965		
No. 6.....	137	.211		
Feed.....	169	.260		
Sample.....	15	.023		
Smutty.....	195	.300		
Tough.....	3,635	5.588		
Damp.....	158	.243		
Rejected.....	183	.281		
No. 4 Special.....	783	1.204		
No. 5 Special.....	376	.578		
No. 6 Special.....	172	.264		
Total Red Spring Wheats.....	65,051	100.000	65,051	78.256
1 Garnet.....	1,917	55.743		
2 Garnet.....	1,469	42.716		
Smutty.....	6	.175		
Tough.....	29	.843		
Rejected.....	18	.523		
Total Garnet Wheats.....	3,439	100.000	3,439	4.137
1 Amber Durum.....	459	3.184		
2 Amber Durum.....	8,513	59.052		
3 Amber Durum.....	4,599	31.902		
4 Amber Durum.....	325	2.254		
5 Amber Durum.....	22	.153		
6 Amber Durum.....	4	.028		
Smutty Amber Durum.....	22	.153		
Tough Amber Durum.....	76	.527		
Damp Amber Durum.....	20	.139		
Rejected Amber Durum.....	314	2.178		
Sample Amber Durum Broken Wheat.....	61	.423		
Sample Amber Durum and Ragweed.....	1	.007		
Total Amber Durum Wheat.....	14,416	100.000	14,416	17.342
2 White Spring.....	5	27.778		
3 White Spring.....	10	55.555		
Tough White Spring.....	3	16.667		
Total White Spring Wheat.....	18	100.000	18	.022

The grades of Wheat are as follows:—*Concluded.*

	Cars	Per- centages	Totals	Percentage of total Inspections
1 Mixed Wheat.....	12	20.339		
2 Mixed Wheat.....	4	6.779		
3 Mixed Wheat.....	15	25.424		
4 Mixed Wheat.....	20	33.898		
5 Mixed Wheat.....	2	3.390		
Tough Mixed Wheat.....	3	5.085		
Sample Mixed Wheat.....	1	1.695		
Rejected Mixed Wheat.....	2	3.390		
Total Mixed Wheat.....	59	100.000	59	.071
1 Alberta Red Winter.....	41	28.672		
2 Alberta Winter.....	53	37.063		
3 Alberta Winter.....	21	14.685		
Tough Alberta Winter.....	4	2.797		
Smutty Alberta Winter.....	24	16.783		
Total Alberta Winter Wheat.....	143	100.000	143	.172
Total.....	83,126		83,126	100.000

The grades of Oats are as follows:—

	Cars	Per- centages
2 C.W. White.....	1,242	9.734
3 C.W.....	3,331	26.107
Special Feed.....	1	.008
Ex. 1 Feed.....	489	3.833
1 Feed.....	3,899	30.559
2 Feed.....	610	4.781
3 Feed.....	63	.493
Mixed Feed Oats.....	16	.125
Rejected Oats.....	11	.086
Sample.....	2	.016
Tough.....	2,988	23.419
Damp.....	106	.831
Oat Groats.....	1	.008
Total.....	12,759	100.000

The grades of Barley are as follows:—

	Cars	Percentages
2 C.W. (Six-row).....	16	.100
3 Ex. C.W. (Six-row).....	5,170	32.337
2 C.W. (Two-row).....	1	.006
3 Ex. C.W. (Two-row).....	80	.500
3 Ex. C.W. (Tribi).....	4	.025
3 C.W.....	6,277	39.261
4 C.W.....	1,043	6.524
5 C.W.....	741	4.635
6 C.W.....	93	.582
Rejected.....	4	.025
Sample.....	3	.019
Tough.....	2,184	13.660
Damp.....	372	2.326
Total.....	15,988	100.000

The grades of Flax are as follows:—

—	Cars	Percentages
1 C.W.....	282	81.268
2 C.W.....	26	7.492
3 C.W.....	6	1.729
4 C.W.....	2	.577
Sample.....	1	.288
Tough.....	29	8.358
Damp.....	1	.288
Total.....	347	100.000

The grades of Rye are as follows:—

—	Cars	Percentages
1 C.W.....	8	.777
2 C.W.....	732	71.137
3 C.W.....	227	22.060
4 C.W.....	15	1.458
Ergoty Rye.....	1	.097
Rejected.....	3	.292
Tough.....	43	4.179
Total.....	1,029	100.000

The grades of Mixed Grain are as follows:—

—	Cars	Percentages
No. 1.....	15	15.152
No. 2.....	4	4.040
No. 3.....	50	50.505
Tough.....	24	24.243
Rejected.....	4	4.040
Sample.....	2	2.020
Total.....	99	100.000

The number of cars of grain inspected at the various points during the crop year August 1, 1937, to July 31, 1938.

—	Cars	Percentages
Winnipeg.....	78,315	69.005
Calgary.....	8,812	7.764
Moose Jaw.....	4,412	3.888
Saskatoon.....	3,803	3.351
Medicine Hat.....	1,320	1.164
Lethbridge.....	810	.714
Vancouver.....	811	.714
Edmonton.....	15,208	13.400
Total.....	113,491	100.000

SUMMARY OF CARS REINSPECTED

	Winnipeg		Calgary	
Cars inspected.....	78,315		8,812	
Cars reinspected.....	20,809=26.57%		1,455=16.51%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	13,549	65.11	1,024	70.37
Grades raised.....	5,021	24.13	186	12.79
Grades lowered.....	258	1.24	11	.76
Dockage raised.....	326	1.57	49	3.37
Dockage lowered.....	1,655	7.95	185	12.71
Totals.....	20,809	100.00	1,455	100.00

	Edmonton		Saskatoon	
Cars inspected.....	15,208		3,803	
Cars reinspected.....	3,251=21.37%		381=10.02%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	2,802	86.19	330	86.62
Grades raised.....	83	2.55	41	10.76
Grades lowered.....	77	2.37	5	1.31
Dockage raised.....	131	4.03	.....	.....
Dockage lowered.....	158	4.86	5	1.31
Totals.....	3,251	100.00	381	100.00

	Moose Jaw		Medicine Hat	
Cars inspected.....	4,412		1,320	
Cars reinspected.....	436=9.88%		57=4.31%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	338	77.52	46	80.71
Grades raised.....	87	19.95	6	10.53
Grades lowered.....	9	2.07	2	3.50
Dockage raised.....	.....	.....	1	1.76
Dockage lowered.....	2	.46	2	3.50
Totals.....	436	100.00	57	100.00

	Lethbridge		Vancouver	
Cars inspected.....	810		811	
Cars reinspected.....	.....		.....

RECAPITULATION OF REINSPECTIONS

Total cars inspected.....	113,491
Total cars reinspected.....	26,389 = 23.25%

	Cars	Percentages	Percentage of total inspections
Left as graded.....	18,089	68.55	15.93
Grades raised.....	5,424	20.55	4.77
Grades lowered.....	362	1.37	.31
Dockage raised.....	507	1.92	.44
Dockagelowered.....	2,007	7.61	1.76
Total.....	26,389	100.00	23.21
Total—			
Left as graded.....	18,089		15.93
Changes.....	8,300		7.31

SUMMARY OF CARS APPEALED

	Winnipeg		Calgary		Edmonton		Total	
	Cars	P.c.	Cars	P.c.	Cars	P.c.	Cars	P.c.
Left as graded.....	1,185	84.76	182	78.79	30	93.75	1,397	84.10
Grades raised.....	210	15.02	44	19.05	2	6.25	256	15.42
Grades lowered.....	3	.22	3	1.30			6	.36
Dockage raised.....			1	.43			1	.06
Dockage lowered.....			1	.43			1	.06
Totals.....	1,398	100.00	231	100.00	32	100.00	1,661	100.00

PERCENTAGES OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total inspections.....	113,491	100.00
Total appeals.....	1,661	1.46
Total grades changed.....	264	.23

GRAIN INSPECTED AND SHIPPED BY VESSEL AUGUST 1, 1937, TO JULY 31, 1938

	Fort William and Port Arthur	Vancouver and New Westminster	Prince Rupert	Victoria	Churchill
	bush.	bush.	bush.	bush.	bush.
Wheat.....	85,298,248	10,035,460	910,940		603,981
Oats.....	5,115,555	1,298,075			
Barley.....	16,985,618	2,121,414			
Flax.....	344,741	123			
Rye.....	988,707				
Mixed Grain.....	547				
Barley Malt.....	19,415,240 (lbs.)				
Screenings.....	78,085,950 (lbs.)				

"OUTWARD CARS" CROP YEAR AUGUST 1, 1937 TO JULY 31, 1938

—	Winnipeg	Calgary	Moose Jaw	Saskatoon	Medicine Hat	Lethbridge	Prince Rupert	Vancouver	Edmonton	The Pas	Churchill	Total
Wheat.....	1,562	222	865	295	.....	852	.....	1,026	253	.....	.....	5,075
Oats.....	1,137	250	404	86	.....	.....	.....	157	1,285	.....	.....	3,319
Barley.....	1,351	754	33	.....	.....	.....	.....	46	187	.....	.....	2,371
Flax.....	30	4	5	.....	.....	.....	.....	.....	.....	.....	.....	39
Rye.....	58	1	.....	.....	.....	.....	.....	7	.....	.....	.....	66
Mixed grain.....	10	15	52	7	.....	.....	.....	4	30	.....	.....	118
Buckwheat.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corn.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Screenings.....	220	200	144	205	.....	18	.....	149	14	.....	.....	950
Totals.....	4,368	1,446	1,503	593	.....	870	.....	1,389	1,769	.....	.....	11,938

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1937, TO JULY 31, 1938

<i>Cargoes—</i>			
Grain grown in Eastern Division—	Bushels	Bushels	Bushels
At Toronto.....	41,200		
At Montreal.....	29,898	71,098	
Grain grown in United States—			
At Montreal.....		19,359,000	19,430,098
<i>Car Loads—</i>			
Grain grown in Eastern Division—	Cars	Cars	Cars
At Toronto.....	1,372		
At Montreal.....	344	1,716	
Grain grown in United States—			
At Montreal.....		32	1,748

GRAIN CARGOES SAMPLED BUT NOT INSPECTED, AUGUST 1, 1937, TO JULY 31, 1938

	Bushels	Bushels
Western Grain.....	119,609,405	
Eastern Grain.....	609,111	
African Grain.....	9,988,848	
Argentine Grain.....	8,003,071	
United States Grain.....	93,544,511	231,754,946
At Montreal.....	165,748,230	
At Three Rivers.....	18,517,144	
At Sorel.....	30,660,484	
At Quebec.....	4,268,371	
At Halifax, N.S.....	144,866	
At Saint John, N.B.....	12,179,351	
At Toronto.....	236,500	231,754,946

CAR LOADS SAMPLED BUT NOT INSPECTED, AUGUST 1, 1937, TO JULY 31, 1938

	Montreal	Toronto
Western Grain.....	129	47
Eastern Grain.....	170	6
United States Grain.....	569	
Argentine Grain.....	171	
African Grain.....	144	
	1,183	53

GRADES OF CARGOES INSPECTED

Grain grown in Eastern Division:

Wheat—	Bushels
No. 2 Mixed Winter.....	41,200
Oats—	
No. 3 White.....	24,498
Buckwheat—	
Damp, No. 3.....	1,400

Grain grown in United States:

Corn—	
No. 2 Yellow.....	16,036,930
No. 3 Yellow.....	168,704
No. 2 Mixed.....	1,844,993
No. 3 Mixed.....	8,571
Wheat—	
No. 2 Hard Winter.....	208,000
No. 2 Red Winter.....	238,482
Rye—	
No. 2 Western.....	743,330
Barley—	
No. 2.....	9,990
No. 3.....	100,000

GRADES OF CAR LOADS INSPECTED

	Toronto	Montreal	Total
<i>Wheat—</i>			
No. 2 White Winter.....	53		53
No. 2 Red Winter.....	16		16
No. 3 Winter.....	125	4	129
No. 4 Winter.....	14	6	20
No. 1 Mixed Winter.....		1	1
No. 2 Mixed Winter.....	547	9	556
Rejected Winter.....	15	3	18
Tough.....	133	4	137
Damp.....	5		5
<i>Oats—</i>			
No. 1 White.....		1	1
No. 2 White.....	7		7
No. 3 White.....	8	33	41
No. 4 White.....	22	29	51
Rejected.....	36	38	74
Tough.....	5	7	12
<i>Barley—</i>			
Extra No. 3.....	31		31
No. 3.....	56	1	57
No. 4.....	46	21	67
Rejected.....	21	7	28
Tough.....	7	11	18
<i>Buckwheat—</i>			
Tough.....	5	39	44
Damp.....	60	114	174
Rejected.....	1		1
<i>Corn—</i>			
No. 1 Yellow.....	1		1
No. 2 Yellow.....	27		27
No. 3 Yellow.....	1		1
No. 2 Mixed.....	3		3
Tough.....	20		20
Damp.....	62	1	63
<i>Rye—</i>			
No. 2.....	23	11	34
No. 3.....	1		1
<i>Mixed Grain.....</i>	21	10	31
<i>Pea Beans—</i>			
No. 1.....		8	8
No. 2.....		8	8
No. 3.....		9	9
No. 4.....		1	1

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

J. RAYNER, Esquire,
Secretary, Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report covering the work of the Weighing Branch of the Board for the crop year 1937-1938.

During the crop year under review, this Branch has supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of officially weighing all grain received into and shipped out of these elevators as required under Sections 91 and 123 of the Act.

Weighing services have also been supplied at a number of elevators operating under Mill Elevator licences.

Weighing services were supplied at six points in the Eastern Division on a fees basis at the following elevators: Goderich Elevator, Western Canada Flour Mills Elevator, Goderich; Canada Steamship Lines Elevator, Midland; Midland Simcoe Elevator, Midland; Aberdeen Elevator, Midland; Great Lakes Elevator, Owen Sound; Canadian Pacific Railway Elevator, Port McNicoll; Sarnia Elevator, Sarnia; Toronto Elevator, Toronto.

The equipment used for receiving, shipping and weighing grain in all licensed elevators, where weighing services have been supplied, has been maintained in good condition under the supervision of officers of this Branch.

Under my authority as Inspector of Weights and Measures of Terminal Elevator Scales, I carried out the annual inspection of the scales in the following elevators as required under the Weights and Measures Act, Regulation No. 50: The terminal elevators at Port Arthur and Fort William; Canadian Government Interior Elevators; those terminal elevators loading to tide water at the Pacific Coast; and the National Harbours Board elevator at Port Churchill.

Semi-annual inspection of the above scales was made to ensure the continued accuracy of the scales, and special tests were made of various scales during the crop year when considered necessary and upon request.

The scales in the above elevators have been maintained in good condition by an expert scale mechanic.

In the Eastern Division the scales in elevators licensed by the Board were inspected by Mr. P. J. Marples of Montreal.

The number of complaints received of shortages on the outturn of cars unloaded at terminal elevators during the crop year were smaller than in past years. All complaints received were thoroughly investigated and adjustments made or recommended where it was proven mishaps in handling had taken place, and in other cases reports prepared and submitted to the Board for decision.

Complaints were received on some cargoes loaded at the Head of the Lakes and unloaded at Eastern ports. The weighing and loading of these cargoes were investigated without finding any evidence whereby the loading elevators

could be held responsible for these shortages. Attached is statement showing the average reported shortage of pounds per thousand bushels on cargo shipments ex Fort William and Port Arthur.

Complaints received on the outturns of some export shipments were thoroughly investigated and reports submitted to the Board with recommendations.

As required under the Act, the stocks of all grain in store in Public Terminal and Semi-Public Terminal elevators and the four top grades in Private Terminal elevators licensed by the Board in the Western Division were weighed over at the end of the crop year. Approximately 10,468,178 bushels of all grains were weighed over and statements of the correct quantities of the various grades were prepared and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Terminal elevators, and the establishment of overages in terminal elevators in accordance with the provisions of section 138 of the Canada Grain Act.

Special weighups of stocks in terminal elevators were carried out by order of the Board and upon request.

As directed by the Board the stocks of grain in store in several Eastern elevators were weighed over and statements of the correct quantities of the various grades in store were prepared and forwarded to the Board.

Attached are statements giving particulars of the various phases of the work of the Branch.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

FORT WILLIAM, ONT.,

December 30, 1938.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1938.

FORT WILLIAM-PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	87,423,581-10	2,729,835-50	2,260,750-00	92,414,167-00
Oats.....	7,467,502-30	726,630-16	9,145-10	8,203,278-22
Barley.....	17,302,966-36	359,186-24		17,662,153-12
Flaxseed.....	221,841-55	102,454-22		327,296-21
Rye.....	1,357,850-12	793,379-26	153,561-34	2,304,791-16
Canadian Corn.....	42,709-26	1,495-00		44,204-26
Argentine Corn.....		1,500-00		1,500-00
South African Corn (<i>ex vessel</i>).....	39,810-10	19,721-34		59,531-44
U.S.A. Corn (<i>ex vessel</i>).....	10,000-00	9,993-42		19,993-42
U.S.A. Wheat.....	2,870-50			2,870-50
U.S.A. Oats (<i>ex vessel</i>).....	50,718-28	46,839-14		97,558-08
	lbs.	lbs.	lbs.	lbs.
Mixed Grain.....	4,936,450	1,603,950	33,000	6,573,400
All Screenings.....	15,339,170	8,799,940	617,350	24,756,460
Sample Barley Malt.....	19,415,240			19,415,240

FORT WILLIAM-PORT ARTHUR

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	83,653,064-20	2,377,696-20	1,924,013-40	2,736,329-50	89,691,104-10
Oats.....	5,015,322-28	2,487,422-06	9,143-28	724,885-23	8,236,774-17
Barley.....	16,958,562-27	265,066-18		359,845-22	17,583,474-19
Flaxseed.....	344,773-40	30,115-35		102,555-22	477,444-41
Rye.....	778,984-52	62,015-22	153,722-24	794,424-04	1,789,146-46
Canadian Corn.....		42,402-48		1,495-50	43,898-42
Argentine Corn.....		11,513-32		1,500-00	13,013-32
South African Corn.....		39,793-02		19,738-42	59,531-44
U.S.A. Corn.....		4,195-30		10,000-00	14,195-30
U.S.A. Wheat.....		1,870-50			1,870-50
U.S.A. Oats.....		50,616-06		46,903-18	97,519-24
	lbs.	lbs.	lbs.	lbs.	lbs.
Mixed Grain.....	37,730	1,362,270	32,820	1,605,820	3,038,640
Mixed Feed Oats					
Groats.....		707,000			707,000
All Screenings.....	77,362,160	28,783,880	617,950	9,595,120	116,359,110
Sample Barley Malt	19,415,240				19,415,240

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR
1937-38 AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	pounds
Vancouver and New Westminster.....	8,933,216-40	2,092,191-00	2,460,682-19	2,153-34	55,422-08	7,037,990
Prince Rupert.....						
Churchill.....						
Calgary.....	31,688-40	255,466-16	371,712-04	1,871-04		121,120
Edmonton.....	19,726-50	705,402-32	101,188-16			43,290
Lethbridge.....	1,402,523-20					
Moose Jaw.....	931,347-10	613,348-28	77,685-40			
North Transcona.....	323,104-40	552-28	34,944-18		14,603-22	39,120

SHIPMENTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	pounds
Vancouver and New Westminster.....	12,055,746-20	2,176,490-00	2,317,554-31	2,476-18	44,716-48	13,050,390
Prince Rupert.....	910,940-00	1,063-18				2,500
Churchill.....	603,981-50					
Calgary.....	29,066-50	293,385-10	371,073-06	1,673-36		292,670
Edmonton.....	46,233-40	702,650-30	103,448-26			131,450
Lethbridge.....	1,375,287-40	861-26				1,211,070
Moose Jaw.....	912,896-00	543,905-16	47,609-40			4,780,200
North Transcona.....	313,494-50	12,000-00	38,291-12		15,517-38	639,590

TRADE AND COMMERCE

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR
1937-38 AT THE FOLLOWING POINTS:

RECEIPTS

Point	U.S.A. Wheat	U.S.A. Oats	U.S.A. Corn	South African Corn	Argentine Corn	Argentine Flax
	bush.	bush.	bush.	bush.	bush.	bush.
Vancouver and New Westminster.....	274,725-20	5,206-06	71,535-40	1,689,794-06	332,951-29	19,923-12
Lethbridge.....	3,203-40					

SHIPMENTS

Vancouver and New Westminster.....	264,339-20	5,206-06	71,535-40	1,350,983-24	391,594-19	19,923-12
Lethbridge.....	3,170-40					

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1937-1938

Kenora.....	479
Keeewatin.....	4,012
Winnipeg.....	12,035
Portage La Prairie.....	475
Saskatoon.....	4,389
Moose Jaw.....	4,609
Calgary.....	3,979
Edmonton.....	2,936
Medicine Hat.....	1,915
Total.....	34,829

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS
CROP YEAR 1937-1938

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead elevators.....	3,301	298	38
Elevators, excluding lakehead.....	758	210	47
Total.....	4,059	508	85

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead elevators.....	3,585	182	13
Elevators, excluding lakehead.....	255	59	15
Total.....	3,840	241	28
Total both roads.....	7,899	749	113

CAR INSPECTION AT WINNIPEG YARDS

	Cars inspected	Leaking cars	Missing and defective seals
C.P.R. Yards.....	46,351	1,634	360
C.N.R. Yards.....	38,864	284	410
Total.....	85,215	1,918	770

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	71,000,570-04	Short 33·12
Oats.....	5,106,412-17	Short 30·72
Barley.....	16,281,886-25	Short 37·83
Flaxseed.....	344,741-08	Short 77·14
Rye.....	814,984-52	Short 31·16
Barley malt.....	19,415,240 lbs.	Short 8 lbs per 1,000 lbs.
Screenings.....	13,284-0700 tons	Short 4·25 lbs. per ton

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	12,552,416-30	Short 25·8
Barley.....	703,731-32	Short 49·99
Rye.....	20,000-00	Short 70·
Screenings.....	25,450-0390 tons	Short 4·53 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	83,667,361-44	Short 31·97
Oats.....	5,106,412-17	Short 30·72
Barley.....	16,985,618-09	Short 38·34
Flaxseed.....	344,741-08	Short 77·14
Rye.....	834,984-52	Short 32·09
Barley malt.....	19,415,240 lbs.	Short 8 lbs per 1,000 lbs.
Screenings.....	38,734-1090 tons	Short 4·44 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT., December 7, 1938.

THE BOARD OF GRAIN COMMISSIONERS,
Winnipeg, Man.

SIRS,—I have the honour to submit the following report of the Canadian Government Government Elevators for the year 1938:—

ELEVATORS OPERATED

The three elevators in the Province of Alberta, Calgary, Edmonton and Lethbridge, were in operation during the entire year. The Moose Jaw elevator, operation of which had been temporarily suspended as from December 1, 1936, was re-opened under private elevator licence in August, 1937, for the purpose of handling grain for account of the Canadian Wheat Board exclusively, and remained in operation until July, 1938, when operations were again temporarily discontinued.

In September, 1938, both Moose Jaw and Saskatoon elevators were re-opened under public terminal licences, the latter plant having been closed since December, 1936.

ELEVATORS LEASED

Port Arthur.—The three-year lease entered into with McCabe Bros., Grain Company, Limited, on July 31, 1936, was cancelled by mutual arrangement one year prior to the expiry date and a new lease for a period of six years ending July 31, 1944, was executed. The new lease provides for increased rental in consideration of the installation of additional cleaning equipment.

Prince Rupert.—The one-year lease under which this elevator was operated by the Alberta Pool Elevators Limited expired July 31, 1938, and was not renewed. Efforts were made to interest other parties in the operation of this elevator, but so far these have not been successful.

CHARGES

The tariff of charges was maintained on the same basis as that in effect the previous year.

GRAIN HANDLED

Notwithstanding generally unfavourable crop conditions the Alberta houses showed a very gratifying increase in volume of business compared with the previous season, as will be seen by the following comparative statement:—

Elevator	1936-37	1937-38	Increase	Decrease
Moose Jaw.....	5,548	*1,603,040	1,597,492	.....
Saskatoon.....	18,623	Not operating	.....	18,623
Calgary.....	404,398	662,691	258,293	.....
Edmonton.....	249,789	825,988	576,199	.....
Lethbridge.....	34,216	1,405,323	1,371,107	.....
	712,574	4,497,042	3,784,468	.....

* Handled for account of Canadian Wheat Board.

A further substantial increase has already been made in the volume handled of the 1938 crop.

All buildings and equipment have been maintained in good condition, major repairs and replacements including the following items:—

BUILDINGS

Port Arthur.—Minor cracks in cupola walls were repaired and several of the brick panels of the workhouse re-pointed and painted.

A new connection was made with the city water main replacing the original one damaged by corrosion.

Calgary.—Necessary repairs were made to bins in the storage annex and the entire annex structure water-proofed and painted.

Saskatoon.—A new steel smokestack was erected on the drier boiler house.

EQUIPMENT

Port Arthur.—Cleaning capacity of the plant was increased by the installation of six No. 16 Superior separators.

Two leg belts and one conveyor belt replaced.

Forty-six new discs installed in Carter Discs.

Three chain drives replaced completely and three chain drives repaired. Substantial repairs and replacements were made to spouting, cleaning machines and car hauls.

Edmonton.—New lightning arresters were installed for protection of sub-station equipment.

Calgary.—Repairs and replacements of passenger elevator equipment.

Moose Jaw.—Repairs to passenger elevator equipment.

TRACKAGE

Maintenance of trackage at the several elevators involved the following replacements:—

Port Arthur— 600 creosoted track ties.

1,200 tie plates.

Saskatoon— 400 track ties.

Calgary— 350 track ties, 76 switch ties.

Edmonton— 500 track ties.

Lethbridge— 1,000 track ties, 60 switch ties.

STAFF

The re-opening of the Moose Jaw and Saskatoon elevators necessitated the re-employment of former employees, who were reinstated on a temporary basis. In three cases where former employees were not available the positions were filled by new temporary appointments.

One permanent employee retired during the year, but no appointment was made to fill the vacancy.

The staffs at all points have been maintained at the minimum of requirements.

RESULTS OF OPERATION

The increased volume of grain handled was reflected in the improvement in the financial results to the extent of \$81,000.00 as compared with the previous year. The net operating loss was \$40,180.36 as against \$121,547.88 in 1937. Whilst no revenue, as such, was derived from the operation of the Moose Jaw elevator, the operating expenses amounting to \$31,000.00 were refunded by the Canadian Wheat Board. Revenue for the year was \$35,000.00 higher than in the previous season and operating costs reduced by approximately \$10,000.00.

Continuing the practice followed in recent years no provision was made for depreciation of plants or equipment, but these were maintained in good condition as an operating cost.

Respectfully submitted,

R. HETHERINGTON,

General Manager.

APPENDIX No. 8

REPORT OF GRAIN RESEARCH LABORATORY

December 20, 1938.

MR. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg.

DEAR SIR,—I have the honour to submit the following statement covering the activities of the Grain Research Laboratory during the year 1938:—

PROTEIN STUDIES:

- (a) Survey of the protein content of the 1938 Western Canadian hard red spring wheat crop.
- (b) Survey of the protein content of the 1938 Western Canadian amber durum wheat crop.
- (c) Survey of the protein content of the 1938 Western Canadian barley crop.
- (d) Survey of the protein content of the 1938 Western Canadian rye crop.
- (e) Protein content of Average samples of hard red spring wheat, amber durum wheat, barley and rye obtained from different inspection offices during the 1937-38 crop year.
- (f) Protein content of unloads of hard red spring wheat at port terminal elevators, 1937-38 crop year.
- (g) Protein content of hard red spring wheat cargoes shipped during the 1937-38 crop year.
- (h) Protein content of Western Canadian amber durum wheat cargoes shipped during the 1937-38 crop year.
- (i) Protein content of Western Canadian barley cargoes shipped during the 1937-38 crop year.

MILLING AND BAKING STUDIES:

- (a) The milling, baking and other quality characteristics of the 1938 Western Canadian wheat crop.
- (b) The milling and baking quality of Western Canadian hard red spring wheat cargoes, and Averages from different inspection offices, 1937-38 crop year.
 - 1. Individual cargoes ex Vancouver and Fort William.
 - 2. Compositated cargo shipments ex Pacific, Lakehead and Atlantic ports.
 - 3. Average samples ex various inspection offices.
- (c) The quality of Coronation wheat compared with that of other varieties grown under similar environmental conditions.
- (d) Overseas tests of Thatcher and Coronation wheats.
- (e) The quality characteristics of Thatcher wheat, 1938 crop.
- (f) The quality of Red Club or Little Club wheat, 1938 crop.
- (g) The quality characteristics of "Brassy" coloured wheat.
- (h) The relation between protein content and strength of gluten-enriched flours.

DURUM WHEAT STUDIES:

- (a) Quality characteristics of the 1938 Western Canadian amber durum wheat crop.
- (b) Relative macaroni-making quality of a number of durum wheat varieties grown in 1937.
- (c) A cooking test for alimentary pastes.

STUDIES OF OLEAGINOUS SEEDS:

- (a) *Flaxseed*:
 - 1. Survey of the oil content, iodine value and protein content of Western Canadian flaxseed, 1938 crop.
 - 2. Oil content and iodine value of flaxseed varieties.
 - (i) Central Experimental Farm series.
 - (ii) University of Alberta series.
 - 3. Causes of the low germination of certain flax varieties grown in 1937.
 - 4. Effect of various fertilizers on flaxseed quality, 1936 and 1937 crops.
- (b) *Miscellaneous oil seeds*:
 - 1. Sunflower (*Helianthus annuus*).
 - 2. Safflower (*Carthamus tinctorius*).
 - 3. *Peritome serrulata*.

MISCELLANEOUS INVESTIGATIONS:

- (a) Proximate feeding stuff analyses of Western Canadian wheat, oats, barley and rye, 1938 crop.
- (b) The quantitative determination of bromine in bromated flours.
- (c) The utility of the Hengar technique for the determination of nitrogen by the Kjeldahl procedure.
- (d) A rapid method for the determination of wheat and flour pigments.
- (e) A combined Photo-electric Colorimeter and Color Analyzer for cereal work.
- (f) The value of the Brabender Farinograph for predicting the baking strength of Western Canadian wheats.

SUPERVISION OF MOISTURE TESTERS.

CO-OPERATIVE STUDIES AND SERVICES.

REPORTS AND PUBLICATIONS:

- (a) Reports to the Board of Grain Commissioners.
- (b) Scientific papers released for publication.
- (c) Technical and miscellaneous reports.

The full report, summarizing the various projects listed above, is submitted herewith and it is recommended that, in accordance with the usual practice, it be published separately.

Yours respectfully,

T. R. AITKEN,

Assistant Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR,
SEPTEMBER 1, 1937, TO AUGUST 31, 1938

(a) WINNIPEG—

Revenue—

Licence fees.....		\$	33,033 00
Registration fees.....	\$	5,231 52	
Cancellation fees.....		5,023 50	
			10,255 02
Inspection fees.....		93,279 00	
Samples sold.....		4,375 17	
Cargo certificates split.....		95 50	
Refund express.....		1,154 00	
Sundries.....		136 00	
			99,039 67
Appeal fees.....			4,302 00
Weighing fees.....		14,671 50	
Condition reports.....		201 25	
			14,872 75
			\$ 161,502 44

Expenditure—

Board and Executive Office—

Salaries—

Commission and Secretary.....	\$	36,335 00
Secretary's office.....		9,589 92
Licensing and bonding.....		11,153 71

Rents—

Executive office.....		3,672 00
Licensing and bonding.....		1,200 00

Travelling expenses—

Grain Commission.....		3,055 34
-----------------------	--	----------

General expenses—

Grain Commission.....		4,529 31
Licensing and bonding.....		565 87

Printing and stationery—

Grain Commission.....		1,192 73
Licensing and bonding.....		1,548 31

Assistant Commissioner's Office—

Salaries.....

Rent.....		8,075 00
Travelling.....		618 00
General expenses.....		755 79
Printing and stationery.....		172 14
		13 64

82,476 76

Grain Research Laboratory—

Salaries.....		30,967 10
Rent.....		8,898 00
Travelling expenses.....		533 80
General expenses.....		5,692 74
Printing and stationery.....		3,488 40

49,580 04

Registration Branch—

Salaries.....		14,390 00
Rent.....		1,572 00
Travelling expenses.....		111 30
General expenses.....		287 98
Printing and stationery.....		3 60

16,364 88

Accounts—

Salaries.....		4,205 00
Printing and stationery.....		382 19
General expenses.....		124 09

4,711 28

Inspection Branch—

Salaries.....		203,291 60
Rent.....		18,002 00
Travelling expenses.....		7,099 87
General expenses.....		12,114 64
Printing and stationery.....		4,081 92

244,590 03

Weighing Branch—

Salaries.....		35,560 00
Rent.....		1,590 00
Travelling expenses.....		121 75
General expenses.....		385 76
Printing and stationery.....		470 33

38,127 84

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1938—*Continued*

(a) WINNIPEG—*Con.**Expenditure—Con.*

Grain Appeal Tribunal—

Salaries.....	\$ 4,380 00	
Rent.....	420 00	
General expenses.....	2,385 25	
	<u> </u>	\$ 7,185 25

Grain Standards Committee—

Salaries.....		
Travelling expenses.....	1,461 06	
General expenses.....	3,367 86	
	<u> </u>	4,828 92
		<u> </u> \$ 447,865 00

(b) CHURCHILL—

Revenue—

Inspection fees.....	
Weighing fees.....	

Expenditure—

Inspection Branch—

Salaries.....		
Travelling expenses.....	18 25	
General expenses.....		
	<u> </u>	18 25

Weighing Branch—

Salaries.....		
Travelling expenses.....	242 85	
General expenses.....		
	<u> </u>	242 85
		261 10

(c) KEEWATIN—

Revenue—

Inspection fees.....	2,586 00	
Weighing fees.....	4,956 00	
	<u> </u>	7,542 00

Expenditure—

Salaries, inspection.....	2,586 00	
	<u> </u>	2,586 00
Salaries, weighing.....	4,920 00	
General expenses.....	36 00	
	<u> </u>	4,956 00
		7,542 00

(d) KENORA—

<i>Revenue—</i> Weighing fees.....	2,460 00
------------------------------------	----------

Expenditure—

Salaries, weighing.....	2,460 00	
General expenses.....	9 00	
	<u> </u>	2,469 00
		2,469 00

(e) PORTAGE LA PRAIRIE—

Revenue—

Weighing fees.....	1,230 00	
	<u> </u>	1,230 00

Expenditure—

Salaries, weighing.....	1,230 00	
	<u> </u>	1,230 00

(f) SASKATOON—

Revenue—

Inspection fees.....	6,505 00	
Samples sold.....	304 60	
Sundries.....	2 50	
	<u> </u>	6,812 10
Weighing fees.....	5,503 00	
	<u> </u>	12,315 10

Expenditure—

Assistant Commissioners Office—

Salaries.....	9,120 00	
Travelling expenses.....	710 88	
General expenses.....	92 06	
Printing and stationery.....	28 20	
	<u> </u>	9,951 14

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1938—*Continued*

(f) SASKATOON—*Con.**Expenditure—Con.*

Inspection Branch—

Salaries.....	\$ 10,645 40	
Rent.....	911 67	
Travelling expenses.....		
General expenses.....	251 23	
Printing and stationery.....	121 03	
	<u> </u>	\$ 11,929 33

Weighing Branch—

Salaries.....	8,386 25	
Travelling expenses.....		
General expenses.....	2 46	
	<u> </u>	8,388 71

30,269 18

(g) MOOSE JAW—

Revenue—

Inspection fees.....	5,681 70	
Samples sold.....	338 17	
Sundries.....	1 50	
	<u> </u>	6,021 37
Weighing fees.....		6,691 70

12,713 07

Expenditure—

Inspection Branch—

Salaries.....	10,821 50	
Rent.....	900 00	
General expenses.....	551 50	
Printing and stationery.....	222 47	
	<u> </u>	12,495 47

Weighing Branch—

Salaries.....	7,641 97	
General expenses.....	18 00	
Printing and stationery.....	4 79	
	<u> </u>	7,664 76

20,160 23

(h) MEDICINE HAT—

Revenue—

Inspection fees.....	5,317 89	
Samples sold.....	162 62	
Sundries.....	6 50	
	<u> </u>	5,487 01
Weighing fees.....		4,920 00

10,407 01

Expenditure—

Inspection Branch—

Salaries.....	5,090 00	
Rent.....	240 00	
Printing and stationery.....	0 72	
General expenses.....	156 29	
	<u> </u>	5,487 01

Weighing Branch—

Salaries.....	4,920 00	
---------------	----------	--

10,407 01

(i) LETHBRIDGE—

Revenue—

Inspection fees.....	1,694 40	
Samples sold.....	122 39	
	<u> </u>	1,816 79
Weighing fees.....		1,603 50

3,420 29

Expenditure—

Inspection Branch—

Salaries.....	4,249 16	
Travelling expenses.....	201 03	
General expenses.....	44 27	
	<u> </u>	4,494 46

Weighing Branch—

Salaries.....	3,890 00	
Travelling expenses.....	39 63	
General expenses.....	15 00	
	<u> </u>	3,944 63

8,439 09

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1938—*Continued*

(j) CALGARY—

Revenue—

Inspection fees.....	\$ 11,046 10		
Samples sold.....	532 25		
Refund express.....	68 00		
Sundries.....	44 50		
	<hr/>	\$ 11,690 85	
Weighing fees.....		6,881 50	
Appeal fees.....		708 00	
		<hr/>	\$ 19,280 35

Expenditure—

Assistant Commissioner's Office—

Salaries.....	8,880 00		
Rent.....	902 00		
Travelling expenses.....	522 97		
General expenses.....	298 03		
Printing and stationery.....	21 91		
	<hr/>	10,624 91	

Inspection Branch—

Salaries.....	31,949 62		
Rent.....	3,251 00		
Travelling expenses.....	154 60		
General expenses.....	1,920 99		
Printing and stationery.....	733 49		
	<hr/>	38,009 70	

Weighing Branch—

Salaries.....	16,830 00		
Rent.....	340 21		
Travelling expenses.....	43 00		
General expenses.....	182 32		
Printing and stationery.....	23 70		
	<hr/>	17,419 23	

Grain Appeal Tribunal—

Salaries.....	4,599 96		
Rent.....	455 00		
Travelling expenses.....			
General expenses.....	556 00		
Printing and stationery.....			
	<hr/>	5,610 96	

71,664 80

(k) PRINCE RUPERT—

Revenue—

Inspection fees.....	912 20		
Samples sold.....		912 20	
	<hr/>	912 20	
Weighing fees.....			1,824 40

Expenditure—

Inspection Branch—

Salaries.....	28 61		
Travelling expenses.....	251 60		
	<hr/>	280 21	

Weighing Branch—

Salaries.....	1,377 50		
Travelling expenses.....	248 75		
General expenses.....	5 00		
	<hr/>	1,631 25	

1,911 46

(l) EDMONTON—

Revenue—

Inspection fees.....	17,332 40		
Samples sold.....	580 75		
Refund express.....	14 00		
Sundries.....	45 00		
	<hr/>	17,972 15	
Weighing fees.....		5,126 70	
Appeal fees.....		96 00	
		<hr/>	23,194 85

Expenditure—

Inspection Branch—

Salaries.....	37,995 95		
Rent.....	3,774 00		
Travelling expenses.....	68 60		
General expenses.....	1,578 22		
Printing and stationery.....	536 91		
	<hr/>	43,953 68	

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1938—*Continued*

(l) EDMONTON—*Con.**Expenditure—Con.*

Weighing Branch—

Salaries.....	\$ 9,600 00	
Rent.....		
Travelling expenses.....		
General expenses.....	112 50	
Printing and stationery.....	35 40	
	<hr/>	\$ 9,747 90

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	467 50	
General expenses.....	146 40	
Printing and stationery.....	24 05	
	<hr/>	5,237 91

\$ 58,939 40

(m) VANCOUVER—

Revenue—

Inspection fees.....	15,548 30	
Samples sold.....	815 08	
Sampling.....	12 00	
Sundries.....	2 00	
	<hr/>	16,377 38

Weighing fees.....		25,251 90
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Registration fees.....	473 48	
Cancellation fees.....	627 64	
	<hr/>	1,101 12

42,730 40

Expenditure—

Inspection Branch—

Salaries.....	61,710 00	
Rent.....	4,279 00	
Travelling expenses.....		
General expenses.....	1,630 85	
Printing and stationery.....	744 15	
	<hr/>	68,364 00

Weighing Branch—

Salaries.....	65,991 43	
Rent.....	1,659 00	
Travelling expenses.....		
General expenses.....	539 87	
Printing and stationery.....	105 38	
	<hr/>	68,295 68

Registration Branch—

Salaries.....	5,630 00	
Rent.....	1,092 00	
General expenses.....	187 52	
Printing and stationery.....	6 30	
	<hr/>	6,915 82

143,575 50

(n) FORT WILLIAM—

Revenue—

Inspection fees.....	123,257 90	
Samples sold.....	4,522 23	
Splits.....	1 80	
	<hr/>	127,781 93
Weighing fees.....		211,489 60

339,271 53

Expenditure—

Inspection Branch—

Salaries.....	294,949 40	
Rent.....	12,176 88	
Travelling expenses.....	88 70	
General expenses.....	6,218 55	
Printing and stationery.....	3,004 98	
	<hr/>	316,438 51

Weighing Branch—

Salaries.....	231,314 39	
Rent.....	2,929 68	
Travelling expenses.....	2,147 06	
General expenses.....	1,911 69	
Printing and stationery.....	1,405 57	
	<hr/>	239,708 39

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDING AUGUST 31, 1938—*Concluded*

(n) FORT WILLIAM—*Con.**Expenditure—Con.*

Assistant Commissioner's Office—

Salaries.....	\$ 8,880 00	
Rent.....	540 00	
Travelling expenses.....	569 35	
General expenses.....	197 53	
Printing and stationery.....	0 51	
	<u>\$</u>	10,187 44

Statistical Branch—

Salaries.....	37,851 18	
Rent.....	3,285 00	
Travelling expenses.....	164 65	
General expenses.....	2,674 53	
Printing and stationery.....	1,638 95	
	<u>\$</u>	45,614 31

611,948 65

(o) TORONTO—

Revenue—

Inspection fees.....	1,631 50	
Sampling fees.....	240 90	
Samples sold.....	37 50	
Splits.....	4 90	
	<u>\$</u>	1,914 80

Expenditure—

Inspection Branch—

Salaries.....	4,920 00	
Rent.....	540 00	
Travelling expenses.....		
General expenses.....	326 29	
Printing and stationery.....	23 43	
	<u>\$</u>	5,809 72

5,809 72

(p) MONTREAL—

Revenue—

Inspection fees.....	25,640 35	
Sampling fees.....	17,332 18	
Samples sold.....	30 00	
Splits.....	807 30	
	<u>\$</u>	43,809 83

Registration fees.....	3,229 33	
Cancellation fees.....	3,229 54	
	<u>\$</u>	6,458 87

Weighing fees.....	29 00	
	<u>\$</u>	50,297 70

50,297 70

Expenditure—

Inspection Branch—

Salaries.....	29,932 95	
Rent.....	2,101 71	
Travelling expenses.....	1,781 10	
General expenses.....	919 30	
Printing and stationery.....	432 26	
	<u>\$</u>	35,167 32

Registration Branch—

Salaries.....	3,632 00	
Rent.....	420 00	
Travelling expenses.....	174 86	
Printing and stationery.....	42 46	
General expenses.....	202 70	
	<u>\$</u>	4,472 02

39,639 34

(q) REGINA—

Revenue—

Inspection fees.....	6,887 33	
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Expenditure—

Inspection Branch—

Salaries.....	4,995 30	
Rent.....	20 00	
Travelling expenses.....	1,758 35	
General expenses.....	113 68	
	<u>\$</u>	6,887 33

6,887 33

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES—Concluded

EXPENDITURE

Points	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Winnipeg.....	244,590 03	38,127 84	7,185 25	16,364 88	82,476 76	.....	4,711 28	49,580 04	4,828 92	447,865 00
Churchill.....	18 25	242 85	.....	.....	.....	.....	.....	.....	.....	261 10
Keewatin.....	2,586 00	4,956 00	.....	.....	.....	.....	.....	.....	.....	7,542 00
Kenora.....	.....	2,469 00	.....	.....	.....	.....	.....	.....	.....	2,469 00
Portage La Prairie.....	.....	1,230 00	.....	.....	.....	.....	.....	.....	.....	1,230 00
Saskatoon.....	11,929 33	8,388 71	.....	.....	9,951 14	.....	.....	.....	.....	30,269 18
Moose Jaw.....	12,495 47	7,664 76	.....	.....	.....	.....	.....	.....	.....	20,160 23
Regina.....	6,887 33	.....	.....	.....	.....	.....	.....	.....	.....	6,887 33
Medicine Hat.....	5,487 01	4,920 00	.....	.....	.....	.....	.....	.....	.....	10,407 01
Lethbridge.....	4,494 46	3,944 63	.....	.....	.....	.....	.....	.....	.....	8,439 09
Calgary.....	38,009 70	17,419 23	5,610 96	.....	10,624 91	.....	.....	.....	.....	71,664 80
Prince Rupert.....	280 21	1,631 25	.....	.....	.....	.....	.....	.....	.....	1,911 46
Edmonton.....	43,953 68	9,747 90	5,237 91	.....	.....	.....	.....	.....	.....	58,939 49
Vancouver.....	68,364 00	68,295 68	.....	6,915 82	.....	.....	.....	.....	.....	143,575 50
Fort William.....	316,438 51	239,708 39	.....	.....	10,187 44	45,614 31	.....	.....	.....	611,948 65
Toronto.....	5,809 72	.....	.....	.....	.....	.....	.....	.....	.....	5,809 72
Montreal.....	35,167 32	.....	.....	4,472 02	.....	.....	.....	.....	.....	39,639 34
	796,511 02	408,746 24	18,034 12	27,752 72	113,240 25	45,614 31	4,711 28	49,580 04	4,828 92	1,469,018 90

Total Expenditure.....\$ 1,469,018 90

Total Revenue.....696,991 27

Net Deficit.....\$ 772,027 63

SUMMARY OF OPERATIONS BY BRANCHES

REVENUE

	Inspection		Weighing		Appeal Boards		Regis- tration		Commis- sion		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	317,320	07	291,726	60	5,106	00	17,815	01	33,033	00									665,000	68
Sampling.....	17,585	08																	17,585	08
Express charges.....	1,236	00																	1,236	00
Cargo splits.....	909	50																	1,909	50
Samples sold.....	11,820	76																	11,820	76
Condition reports.....			201	25															201	25
Sundries.....	238	00																	238	00
	349,109	41	291,927	85	5,106	00	17,815	01	33,033	00									696,991	27

EXPENDITURE

Salaries.....	703,165	49	394,121	54	13,579	92	23,652	00	92,033	63	37,851	18	4,205	00	30,967	10			1,299,575	86
Rents.....	46,196	26	6,518	89	1,342	50	3,084	00	6,932	00	3,285	00			8,898	00			76,256	65
Expenses.....	37,247	91	6,060	64	3,087	65	964	36	11,469	32	2,839	18	124	09	6,226	54	4,828	92	72,848	61
Printing and stationery.....	9,901	36	2,045	17	24	05	52	36	2,805	30	1,638	95	382	19	3,488	40			20,337	78
	796,511	02	408,746	24	18,034	12	27,752	72	113,240	25	45,614	31	4,711	28	49,580	04	4,828	92	1,469,018	90

Net Deficit.....\$ 772,027 63

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1938 minor amendments were made to Regulations Nos. 38, 39, 40, 41 and 42, whilst Regulations Nos. 1, 8 and 22 were completely revised and reissued.

The Regulations of the Board in effect at December 31, 1938, are as follows:—

- No. 1. Registration and Cancellation of Terminal Warehouse Receipts.
4. Inspection of Samples taken other than at an Inspection Point.
8. Inspection and Grading of Grain after Treatment.
11. Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals as amended.
14. Construction of Elevators.
21. Cleaning Grain and Bins.
22. Fees.
23. Form of Terminal Warehouse Receipt.
35. Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
36. Delivery of Grain to Ocean vessels at Montreal.
37. Maximum Charges and Shrinkage Allowances—Country Elevators.
38. Maximum Tariff of Charges, Terminal Elevators at Fort William-Port Arthur as amended.
39. Maximum Tariff of Charges, Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton, Lethbridge as amended.
40. Maximum Tariff of Charges, Terminal Elevators West of Calgary, Alberta, as amended.
41. Maximum Tariff of Charges, Churchill Terminal Elevator as amended.
42. Maximum Tariff of Charges for handling grain at Eastern Elevators as amended.
43. Procedure—Country Elevators.
44. Drying of Grain.
45. Records, Reports and Returns.
46. Receipt for grain delivered to Private Country Elevators and Mill Elevators.
47. Inspection of grain at The Pas, Manitoba.

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. W. D. EULER, M.P.

Deputy Minister
JAS. G. PARMELEE

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1938



OTTAWA
J. O. PATENAUDE, I.S.O.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1939

Price: 25 cents

DA 12

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. W. D. EULER, M.P.

Deputy Minister
JAS. G. PARMELEE

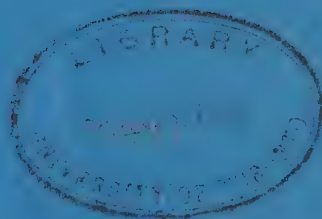
ANNUAL REPORT

OF THE

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OTTAWA
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1940

Price, 25 cents

0A12A 13
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. W. D. EULER, M.P.

Deputy Minister
JAS. G. PARMELEE

ANNUAL REPORT

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for Canada

FOR THE YEAR

1939



OTTAWA
J. O. PATENAUDE, I.S.O.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1940

TABLE OF CONTENTS

REPORT OF BOARD—	PAGE
General Conditions.....	5
Inspection Services in Western Ontario.....	5
Canadian Government Elevators.....	5
Weighovers in Terminal Elevators.....	5
Revision of the Canada Grain Act.....	6
Committees on Grain Standards.....	6
Wheat Bonus.....	6
The Prairie Farm Assistance Act, 1939.....	6
Tariff Meetings.....	6
Country Elevator Overages.....	6
Expenditures and Revenues.....	6
APPENDICES—	
No. 1—Report of Secretary.....	8
(<i>a</i>) Complaints.....	8
(<i>b</i>) Prosecutions.....	9
(<i>c</i>) Defaults.....	9
(<i>d</i>) Cars Out of Turn.....	9
(<i>e</i>) Receipt of Wheat into Country Elevators from Railway Cars.....	9
(<i>f</i>) Licences issued 1938-39.....	10
(<i>g</i>) Summary of Licences past Nineteen Years.....	12
(<i>h</i>) Grain Loading Platforms.....	13
(<i>i</i>) Report of Statistician.....	13
(<i>j</i>) Annual Weigh-up, Terminal Elevators.....	30
No. 2—Personnel—Committees on Grain Standards.....	34
3—Personnel—Grain Appeal Tribunal.....	35
4—Report of Registrar.....	36
5—Report of Chief Grain Inspector.....	37
6—Report of Chief Grain Weighmaster.....	46
7—Report of General Manager, Canadian Government Elevators.....	51
8—Report of Chief Chemist.....	54
9—Report of Revenue and Expenditure.....	56
10—Regulations of the Board.....	66

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MAN., January 17, 1940.

Honourable W. D. EULER, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR.—We beg to present herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1939, in conformity with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions, generally speaking, in the year 1939 were greatly improved in the greater part of Western Canada and a good deal more work was involved in the handling of the same. There was some congestion towards the latter end of 1939 which was, however, very rapidly overcome. The Canadian Government Elevators have benefited accordingly and have proved to be useful this past season. Licences issued by the Board as on December 1, 1939, were reported by the Warehouseman at 5,846 as against 5,508 at the same time last year.

INSPECTION SERVICES IN WESTERN ONTARIO

These services, which were referred to in the last Annual Report of this Board, were continued this year and have been of considerable service in the handling of the Ontario wheat for the Canadian Wheat Board insofar as they provided an inspection service in order that the local wheat might qualify for the appropriate guaranteed payment. There was also a considerable increase in the inspection of corn and beans by this office, which this year will, it is anticipated, be self-supporting financially.

CANADIAN GOVERNMENT ELEVATORS

The only material change in the situation in respect to these elevators is that Prince Rupert has been opened. All of the elevators have had a large handling this year and are at present full of grain.

WEIGHOVER IN TERMINAL ELEVATORS

As required by statute, these weighovers have been carried out during the past year, the stocks of wheat and other grains checked with the warehouse receipts and such minor adjustments as were necessary have been made.

REVISION OF THE CANADA GRAIN ACT

During the last session of Parliament an amending bill was put through, which amounted to a complete revision of the Act. This brought the Act up to date and has cleared up various points of an administrative nature. These amendments came into effect on the First of August, 1939 and have worked quite well.

LABORATORY

The Board obtained the services of Dr. J. A. Anderson to take charge of the laboratory and he was appointed Chief Chemist on June 1, 1939. This was to fill the vacancy created by the resignation of Dr. W. F. Geddes.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1939-40 were constituted by the Board in accordance with Section Twenty-five of the Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 17, 1939, and the Eastern Committee at Toronto on November 8, 1939 and at Montreal on November 9, 1939.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Thirty-nine Dollars and Eighty Cents (\$39.80) were redeemed during the past year. Outstanding certificates still remain to the amount of Eight Thousand, Four Hundred and Ten Dollars and Twenty-three Cents (\$8,410.23).

THE PRAIRIE FARM ASSISTANCE ACT, 1939

Arising out of legislation passed last session the Board were authorized to collect one per cent (1%) of the net value of grain marketed in the three western provinces. Arrangements were made for this with the elevator companies and other licensees and we have so far received the sum of One Million, Eight Hundred and Nine Thousand, Two Hundred and Ninety-seven Dollars and Eighty-eight Cents (\$1,809,297.88), as at 31 December, 1939.

TARIFF MEETINGS

The usual public hearings to hear representations in the matter of tariffs of elevator charges for the Crop Year 1939-40 were held by the Board at Winnipeg, Vancouver and Toronto in July and August.

COUNTRY ELEVATOR OVERAGES

There is no change in the policy dealing with this matter to that frequently reported, and the Board feels that this policy has the desired effect in improving the weighing in country elevators.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1938-39 was \$1,566,331.68 compared with \$1,471,242.05 for the previous fiscal year. Revenue for the fiscal year 1938-39 was \$987,026.75 compared with \$644,364.83 for the previous fiscal year, an increase of \$342,661.92.

For the first nine months of the current fiscal year the total expenditure was \$26,250.00 more than in the corresponding period during the previous fiscal year, owing to increased activity in the operating branches of the Board through the handling of a larger crop, and the revenue for the same period shows an increase of approximately \$224,000.00 over the same period last year.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

E. B. RAMSAY,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. I

REPORT OF THE SECRETARY

WINNIPEG, MAN., January 15, 1940.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honor to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the year 1939:

- (a) Complaints
- (b) Prosecutions
- (c) Defaults
- (d) Cars Out of Turn
- (e) Receipt of Wheat into Country Elevators from Railway Cars
- (f) Licences issued, Crop Year 1938-39
- (g) Licences issued during past 19 years
- (h) Grain Loading Platforms
- (i) Report of Statistician
- (j) Annual Weighover, Terminal Elevators.

Yours truly,
J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1939, there were investigated by the Board seventy-six (76) complaints, together with the eight (8) outstanding at December 31, 1938, regarding the handling of grain at Country Elevators, shipments to Terminal Elevators and the operations of Licensees under the Canada Grain Act as follows:—

Manitoba.....	26
Saskatchewan.....	20
Alberta.....	30
Outstanding at December 31, 1938.....	8
	<hr/> 84

Summary of disposition of Country Complaints:—

No grounds for complaint.....	21
Complaint withdrawn.....	6
Settlement effected between parties.....	35
Outside jurisdiction of Board.....	8
Settlement ordered.....	5
Not yet disposed of.....	9
	<hr/> 84

MISCELLANEOUS COMPLAINTS

During the year under review seven (7) complaints in respect to the handling of grain at Terminal Elevators were investigated by the Board. These were disposed of as follows:—

No grounds for complaint.....	4
Settlement effected between parties.....	2
Outside jurisdiction of Board.....	1
	<hr/>
	7
	<hr/>

EXPORT SHIPMENTS

During the year 1939 seventeen (17) complaints, ten (10) in regard to quality and seven (7) *re* shortages, were received regarding overseas shipments. These, together with the three (3) complaints outstanding at December 31, 1938, were investigated and disposed of as follows:—

Complaints <i>re</i> shortage of weight not upheld.....	7
Complaints <i>re</i> quality of grain not upheld.....	7
Compensation paid by loading elevator.....	2
Outside jurisdiction of Board.....	2
Not yet disposed of.....	2
	<hr/>
	20
	<hr/>

(b) PROSECUTIONS

One prosecution for a breach of the provisions of Section 109, Canada Grain Act, was instituted during the year under review. The defendant pleaded guilty and was fined five dollars and costs.

(c) DEFAULTS

During the year 1939 there was one case of default by a licensee of the Board but all claims were eventually paid in full by the licensee.

(d) CARS OUT OF TURN

Under the provisions of Section 68 of the Canada Grain Act 1930 cars out of turn for shipment of grain from country elevators were ordered by the Board as follows:—

Grain in danger of going out of condition.....	66 cars
Elevators in an unsafe condition.....	89 cars
Elevators collapsed.....	36 cars

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107a of the Canada Grain Act 1930 amended 1939, the Board during the period September 15, 1939 to December 15, 1939, owing to lack of storage space in terminal elevators, authorized the receipt of wheat into country elevators from railway cars for the conservation of storage in a total of 8,892 carloads. These shipments were made from country elevators in heavy crop districts to country elevators in light crop districts.

(f) SUMMARY OF LICENSING AND BONDING FOR THE
SEASON OF 1938-39

During the season which commenced on September 1, 1938, and ended on August 31, 1939, one hundred and fifty-eight (158) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Five thousand, six hundred and eighty-eight (5,688) applications for licences were received and five thousand six hundred and fifty-four (5,654) licences were issued. Fourteen (14) licences were transferred and twenty (20) applications were withdrawn for various reasons.

At December 1st, 1938, there were 5,822 buildings classed as elevators under the provisions of The Canada Grain Act, 5,792 in the Western Division and 30 in the Eastern Division; of these 5,654 were operated under licence during the crop year 1938-39.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	38	0	38	0
Commission Merchants.....	47	0	47	0
Grain Dealers.....	27	4	23	0
Public Terminal Elevators.....	5	0	5	0
Semi-Public Terminal Elevators.....	35	1	34	0
Private Terminal Elevators.....	40	2	38	0
Eastern Elevators.....	29	0	29	0
Mill Elevators.....	16	1	15	0
Private Country Elevators.....	9	2	7	0
Public Country Elevators.....	5,442	10	5,418	14
	5,688	20	5,654	14

Grain dealer licence numbered 18, which was issued on September 21, 1938, to Willard Cumming, trading as Willard Cumming and Company of Calgary, Alberta, was suspended by the Board on August 10, 1939, owing to the fact that the licensee was unable to meet his obligations to certain parties from whom grain had been purchased.

The following licences, which were issued at the commencement of the season to the undernoted firms, were cancelled by order of the Board on the dates shown:—

Private Terminal Elevator Licence No. 11.—Ogilvie Flour Mills Company, Limited; 125,000 bushel elevator at Winnipeg, Man.; cancelled August 1, 1939 and Mill Elevator licence issued.

Semi-Public Terminal Elevator Licence No. 3.—Union Terminal Limited; Elevator at Port Arthur, Ontario; Cancelled August 1, 1939; Elevator taken over by Manitoba Pool Elevators, Limited.

Public Country Elevator Licence No. 5400.—Outlook Sask. Flour Mills Company, Ltd.; Elevator at Outlook, Sask.; Cancelled August 29, 1939; Elevator taken over by Consumers' Milling Company Limited.

Public Country Elevator Licence No. 2643.—McCabe Bros. Grain Company, Limited; Elevator at Haskett, Manitoba; Cancelled August 1, 1939; Elevator taken over by Morden Milling Company.

Grain Commission Merchants Licence No. C 93.—Smith Murphy & Milroy, Limited, of Vancouver, B.C.; Cancelled July 31, 1939; Company ceased to operate as Grain Commission Merchants.

Grain Commission Merchants Licence No. C 90.—A. Forsythe & Company, Limited of Winnipeg, Manitoba; Cancelled October 31, 1938; Company ceased business as Grain Commission Merchants.

In addition to the above cancellations the Board also cancelled a number of Private Terminal elevator and Public Country elevator licences on July 31, 1939.

Amendments to The Canada Grain Act, effective August 1, 1939, changed the provisions regarding Mill elevators and prohibited the granting of more than one licence for one elevator. At that time there were twenty-three (23) elevators licensed both as Private Terminal and Country elevators.

In twelve (12) cases both the Private Terminal and Country elevator licences were cancelled, eleven (11) of these elevators then being licensed as Mill elevators and one (1) as a Semi-Public Terminal elevator. Of the other eleven (11) cases five (5) continued to operate as Public Country elevators surrendering for cancellation their Private Terminal elevator licences and six (6) continued to operate as Private Terminal elevators surrendering for cancellation the Public Country elevator licences.

Licence fees collected amounted to \$30,564.00; of this amount \$160.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$25,210,725.50 were executed by ten (10) of the approved surety companies and were deposited with the Board as security covering the operations of the licensees; in addition three (3) licensees deposited negotiable Government bonds with a par value of \$11,000.00 in lieu of furnishing the usual forms of Surety bonds.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1911-12; 1917-18; 1919-21 and 1922-23 to 1938-39

(Licence year commences September 1)

Kind	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1926- 1927	1925- 1926	1924- 1925	1923- 1924	1922- 1923	1920- 1921	1919- 1920	1917- 1918	1911- 1912
Public Country Elevators	5,418	4,941	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	4,314	4,236	4,074	4,054	3,828	3,704	3,146	3,577	1,972
Private Country Elevators	7	13	11	12	13	14	9	12	385	398	309	156	35								
Public Terminal Elevators	5	3	6	6	7	7	9	10	8	11	10	11	14	21	11	9	12	12	17	17	
Semi-Public Terminal Elevators	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)											
Private Terminal Elevators	38	40	39	36	37	37	38	37	40	*76	*80	*80	*67	64*	*63	*60	*32	*25	*17	*20	*34
Eastern Elevators	29	29	29	31	31	30	29	28	29	+20	+20	+18	+17	+17	+11	+10	+10	+11	+16	+18	
Mill Elevators	15	17	15	19	19	21	22	26	25	+27	+18	+16	+10	+10	+12	+11	+9				
Elevator Space										1	1	1	3	3	2	2	2				
Track Buyers	38	40	40	41	46	51	64	57	48	62	82	84	88	95	104	109	113	143	131	156	58
Commission Merchants	47	47	48	51	56	61	63	64	57	71	90	92	95	94	94	102	100	117	114	126	123
Grain Dealers	23	19	17	24	25	20	15	75	3	3	2	3	3	3	3	4	6	2			84
Total number issued	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	4,646	4,543	4,374	4,361	4,112	4,014	3,441	3,921	2,271

* Licensed as Private Elevators.

† Licensed as Public Elevators.

‡ Licensed as Manufacturing Elevators.

** Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1939 there was received by the Board one application under Section Sixty of the Canada Grain Act for the enlarging of an existing loading platform. The necessary work will be carried out by the railroad company concerned prior to the harvesting of the next crop.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	617	1,697
Saskatchewan.....	1,292	3,008
Alberta.....	737	1,522
British Columbia.....	35	66
Ontario.....	10	21
Total as at December 31, 1939.....	2,691	6,314

(i) ANNUAL REPORT OF STATISTICIAN

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I beg to submit the following report for the crop year 1938-39, being the 12 months ending July 31, 1939.

Highlights of the year may be briefly summarized as follows:

Production.—Wheat production in 1938 was the largest since 1932; barley and rye crops were the largest since 1930; and oats production the largest since 1935.

Marketings.—Farmers delivered to country and mill elevators in the three Prairie Provinces and loaded over platforms, a total of 291 million bushels of wheat, equivalent to 90 per cent of the crop produced in 1938.

Prices.—Wheat, oats, barley and rye prices were the lowest since 1932-33, the average market price of No. 1 Northern in store Fort William-Port Arthur for the crop year being 62 cents per bushel, or 18 cents per bushel below the price paid by the Canadian Wheat Board.

Exports.—Exports of wheat showed improvement over the previous year but were below average. For the first time it was possible to include in our compilations the exact loadings of Canadian grain at United States ports.

Carryover.—The end of season carryover of Canadian wheat showed an increase of 77·6 million bushels from the very low figure of the previous year.

Lake Freights.—Freight rates on wheat on the Great Lakes declined nearly 50 per cent during July, 1939, from the high levels reached during the fall of 1938 when the Board re-established a maximum rate of 7 cents per bushel from Fort William-Port Arthur to St. Lawrence ports.

Details relating to these various subject matters are to be found among data included as part of this report.

EXPORTS THROUGH U.S.A. PORTS

It was anticipated in trade circles that much greater use of United States ports for the shipment of Canadian export grain would follow the abolition of the preference of 2 shillings per quarter obtained under the Ottawa agreements in 1932 for wheat shipped direct from Empire countries to the United Kingdom. Actually this did not prove to be the case although shipments were resumed via Baltimore and Boston, two ports which had not handled Canadian export grain for some time.

A gratifying feature of the year was the prompt response from these United States ports to our appeals for details of each cargo or parcel loaded. This, added to the excellent co-operation of the New York Produce Exchange and the ports of Philadelphia and Albany, enabled us to publish for the first time, complete weekly data representing exact quantities of Canadian grain exported through United States Atlantic Seaboard ports. The great value of this goodwill on the part of organizations in the U.S.A. and the importance of preserving it are again emphasized.

FINAL DESTINATION OF EXPORTS

Throughout the year, the Board's representative in London, Mr. James McAnsh, and the Canadian Government Trade Commissioners in various European countries continued to render efficient service in furnishing details of the distribution of Canadian grain, so that it was again possible to publish complete data, in detail, of the disposition of Canadian grain and wheat-flour exports by country of final destination.

OCEAN AND LAKE FREIGHTS

Ocean freight rates on wheat from Canadian Atlantic and St. Lawrence ports were comparatively steady throughout the year. From St. Lawrence ports to United Kingdom ports 2/9 per quarter was the going rate for full cargoes and 2/9 to 3 shillings for parcels. Rates to Northern Ireland and Eire were usually 3/3 per quarter for parcels. Wheat shipments by this route were 50 per cent greater, amounting to 76 million bushels compared with 51 million during season 1937-38.

Vancouver freight rates fluctuated between 17/6 and 25 shillings per long ton. Top rates were reached in the first half of the season when in anticipation of a heavy movement from the Pacific Coast, freight bookings were substantial. Exports of wheat from Vancouver were heaviest between November, 1938, and March, 1939, and for the season totalled 39.5 million compared with barely 11 million bushels the previous year.

Lake freight rates from Fort William-Port Arthur to St. Lawrence ports steadily declined as the season progressed. Weighted averages during the months of navigation are shown herewith:

	1938				1939		
	Aug.	Sept.	Oct.	Nov.	May	June	July
Cents per bushel.....	5.714	5.895	6.379	6.016	5.076	4.186	3.825

MARKETINGS AND MOVEMENT

A wheat crop of 326 million bushels was produced in the three Prairie Provinces in 1938 and during the crop year a total of 291 million bushels was de-

livered from farms, or the equivalent of 89.3 per cent of the crop harvested. Details of the deliveries by provinces are tabulated below:

WHEAT

	Manitoba	Saskatchewan	Alberta and B. C.	Total.
	bush.	bush.	bush.	bush.
Delivered to country elevators.....	*39,280,182	115,012,721	126,967,665	281,260,568
Delivered to private terminal elevators under country elevator licences.....	362,080	851,674	226,497	1,440,251
Delivered to mill elevators (street grain receipts).....	—	89,725	162	89,887
Loaded over platforms.....	3,472,335	722,108	3,997,320	8,191,763
Total.....	43,114,597	116,676,228	131,191,644	290,982,469

* Preliminary totals only, subject to slight revision.

Exports of wheat and wheat-flour totalled 160 million bushels of which 20.7 million was exported in the form of flour. Canadian ports shipped 116.9 bushels of the wheat exported overseas and U.S.A. ports the balance of 12.1 million bushels.

Exports to the United States for consumption were very small and totalled only 239,409 bushels, but United States mills bought 9,987,141 bushels of Canadian wheat for milling in bond and re-export in the form of flour.

PORT CHURCHILL

Only 3 steamers loaded wheat at the port of Churchill during the season. They took a total of 916,913 bushels. The ocean freight paid was 3/3 per quarter or approximately 9.865 cents per bushel at the then prevailing rate of exchange.

FORT WILLIAM-PORT ARTHUR

Exports direct from the head of the lakes were made on 8 Scandinavian vessels which came to Fort William and Port Arthur. Wheat shipments on 6 boats totalled 337,093 bushels, while 2 vessels loaded 110,000 bushels of rye between them.

PRICES

As required under Section 21, Canada Grain Act, this office has maintained records of grain prices at certain principal markets.

Averages of daily closing prices as recorded in the Winnipeg Grain Exchange for No. 1 and No. 3 Northern Wheat basis in store Fort William or Port Arthur are given below for the past seven crop years.

Season	No. 1 Northern cents per bus.	No. 3 Northern Cents per bus.
1938-39.....	62	54 $\frac{7}{8}$
1937-38.....	131 $\frac{1}{2}$	113 $\frac{3}{8}$
1936-37.....	122 $\frac{3}{4}$	117 $\frac{3}{4}$
1935-36.....	84 $\frac{5}{8}$	78
1934-35.....	81 $\frac{3}{4}$	75
1933-34.....	68	63 $\frac{1}{4}$
1932-33.....	54 $\frac{1}{4}$	50 $\frac{5}{8}$

TRADE AND COMMERCE

GENERAL

In compliance with Section 102, Canada Grain Act, steps have been taken to ensure that policies of insurance have been maintained for the proper coverage of grain held in store in public and semi-public elevators.

Copies of charter confirmations covering lake shipments of grain from Fort William-Port Arthur were filed by shippers in accordance with the Inland Water Freight Rates Act, 1923, as amended. These were carefully checked against official records of actual shipments and used in the compilation of weighted averages of freight rates charged for the carriage of grain via different routes, monthly, during the year.

The following statistics, compiled from returns received from the Inspection and Weighing Branches of the Board, from elevator licensees and from other official sources, indicate the amounts of grain handled by the different groups of elevators in the course of distribution between producer and consumer; and the amounts exported, consumed and remaining as carry-over at the close of the crop year, as compared with the total crop of the five principal grains harvested in Canada. Special statements are included showing the final disposition of Canadian grain exported overseas and details of grades exported via Canadian Seaboard ports.

CROP YEAR 1938-39 (ended July 31)

	Carry-over July 31, 1938	Total crop* in Canada	Total disposed of during year	Carry-over July 31, 1939
	bush.	bush.	bush.	bush.
Wheat.....	24,535,858	350,010,000	272,765,818	101,780,040
Oats.....	19,498,653	371,382,000	341,993,498	48,887,155
Barley.....	6,630,934	102,242,000	96,068,748	12,804,186
Flaxseed.....	219,027	1,389,000	1,489,205	118,822
Rye.....	1,000,576	10,988,000	9,372,705	2,615,871

* 1938 crop estimates subject to final revision January 19, 1940.

GRAIN CROPS OF THE PRAIRIE PROVINCES, 1938

	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	51,000,000	41,000,000	31,000,000	340,000	3,240,000
Saskatchewan.....	132,000,000	90,000,000	20,000,000	725,000	3,400,000
Alberta.....	143,000,000	101,000,000	29,200,000	250,000	2,700,000
Total.....	326,000,000	232,000,000	80,200,000	1,315,000	9,340,000

PLATFORM LOADINGS AT COUNTRY POINTS IN WESTERN CANADA

	Wheat	Other grains	Total
	bush.	bush.	bush.
Manitoba.....	3,472,335	2,153,280	5,625,615
Saskatchewan.....	722,108	200,202	922,310
Alberta.....	3,997,320	1,833,801	5,831,121
Total.....	8,191,763	4,187,283	12,379,046

TOTAL DELIVERIES AT COUNTRY ELEVATORS †

	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	39,280,182	3,977,672	13,116,787	169,375	1,495,433
Saskatchewan.....	115,012,721	14,432,562	6,013,625	506,979	1,511,987
Alberta and British Columbia.	126,967,665	13,925,398	5,230,094	71,087	385,533
Total.....	281,260,568	32,335,632	24,360,506	747,441	3,392,953

† Subject to slight revision.

TOTAL GRAIN INSPECTED, BY PROVINCES OF ORIGIN

Manitoba.....	45,953,500	4,242,500	14,846,500	166,250	1,493,720
Saskatchewan.....	111,640,000	11,385,000	5,944,500	449,050	1,181,860
Alberta and British Columbia.	119,466,500	13,634,500	5,497,000	96,900	250,420
Total.....	277,060,000	29,262,000	26,288,000	712,200	2,926,000

TOTAL NET HANDLINGS AT FORT WILLIAM-PORT ARTHUR

Receipts.....	186,995,819	17,340,703	18,530,234	532,209	2,795,553
Shipments.....	177,750,529	17,848,032	18,540,209	601,891	2,452,051

TOTAL NET HANDLINGS AT VANCOUVER-NEW WESTMINSTER, B.C.

Receipts.....	45,687,644	3,754,276	2,694,184	691	100,925
Shipments.....	39,312,813	4,147,941	2,548,852	555	106,083

TOTAL NET HANDLINGS AT VICTORIA, B.C.

Receipts.....	1,550,710	2,742			
Shipments.....	1,232,036	24,294			

TOTAL NET HANDLINGS AT PORT CHURCHILL, HUDSON BAY

Receipts.....	3,360,230	504			
Shipments.....	916,913	106			

TOTAL NET HANDLINGS AT CANADIAN GOVERNMENT INTERIOR
TERMINAL ELEVATORS

<i>Receipts—</i>					
Calgary.....	2,789,472	73,458			
Edmonton.....	3,609,901	43,097	3,331		328
Lethbridge.....	878,780	294	19		
Moose Jaw.....	2,873,709	194			
Saskatoon.....	2,607,342	9,174	472		
Total.....	12,759,204	126,217	3,822		328
<i>Shipments—</i>					
Calgary.....	1,674,887	40,955	369		
Edmonton.....	2,649,848	105,908	3,232		328
Lethbridge.....	879,506	2,908	165		
Moose Jaw.....	2,435,453	8,722			
Saskatoon.....	2,150,470	17,989	472		
Total.....	9,790,164	176,482	4,238		328

TOTAL RECEIPTS AT INTERIOR PRIVATE TERMINAL AND MILL ELEVATORS

	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Primary Receipts.....	38,516,103	10,093,844	6,212,530	109,580	77,916
Transfer Receipts.....	2,019,097	571,277	693,876	216,682	4,207
Under Country Elevator licences.....	1,440,251	274,126	207,150	8,076	47,890
Total.....	41,975,451	10,939,247	7,113,556	334,338	130,013

TOTAL HANDLINGS OF CANADIAN GRAIN AT DULUTH-SUPERIOR (INCLUDING IMPORTS DUTY PAID)

Receipts.....		331,535	
Shipments.....		331,535	

TOTAL PRIMARY HANDLINGS OF GRAIN AT EASTERN ELEVATORS

	Receipts	Shipments
	bush.	bush.
Canadian wheat.....	147,179,157	110,492,937
Canadian oats.....	14,454,367	12,171,348
Canadian barley.....	15,491,452	15,330,617
Canadian flaxseed.....	483,320	483,356
Canadian rye.....	606,054	759,441
Canadian corn.....	676,839	657,101
Canadian buckwheat.....	289,642	291,031
Canadian mixed grain.....	4,764	6,351
Canadian soya beans.....	2,651	2,651
United States wheat.....	3,822,282	3,719,753
United States oats.....	3,259,363	4,157,060
United States barley.....	4,897,467	4,885,414
United States rye.....	154,561	187,298
United States corn.....	27,487,890	30,821,056
United States Soya beans.....	3,379,137	3,298,015
Australian corn.....	278,428	244,362
South African corn.....	1,311,742	1,358,232
Argentine corn.....		113,203
Argentine flaxseed.....	1,996,106	2,028,568

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTION CHANNELS)

	U.S.A. Wheat	U.S.A. Oats	U.S.A. Corn	U.S.A. Beans
	bush.	bush.	bush.	bush.
Via Eastern elevators.....	1,403,060	3,282,182	4,905,403	120,159
Via Fort William-Port Arthur.....	1,000		5,797	
Via Interior private terminals.....	46,692		6,086	
Via Pacific coast elevators.....	101,059		20,922	
Total.....	1,551,811	3,282,182	4,938,208	120,159
	Australian corn	South African corn	Argentine corn	Argentine flaxseed
	bush.	bush.	bush.	bush.
Via Eastern elevators.....	244,362	1,324,562	113,203	671,923
Via interior private terminals.....		3,061		
Via Pacific coast elevators.....		586,268		
Total.....	244,362	1,913,891	113,203	671,923

EXPORT CLEARANCES OF CANADIAN GRAIN VIA U.S.A. ATLANTIC SEABOARD PORTS
CROP YEAR 1938-39 (ended July 31)

Week ending		Wheat (Other than Durum)	Durum Wheat	All Wheat	Oats	Barley	Rye
		bush.	bush.	bush.	bush.	bush.	bush.
1938							
August	1-4.....	60,000	37,304	97,304			
	11.....	42,371	360,220	402,591			
	18.....	76,975	78,225	155,200			14,761
	25.....	23,721	158,605	182,326			
September	1.....	111,639	482,639	594,278			
	8.....	114,397	41,067	155,464			
	15.....	147,510	176,890	324,400			
	22.....	52,468	154,357	206,825			
	29.....	230,943	247,526	478,469			42,857
October	6.....	357,409	26,662	384,071			
	13.....	30,200		30,200			
	20.....	611,051	19,000	630,051		140,000	97,687
	27.....	105,933	1,000	106,933			77,143
November	3.....	308,910	84,000	392,910		55,000	
	10.....	183,070	166,340	349,410		50,505	
	17.....	187,000	2,250	189,250		36,799	
	24.....	58,929	76,401	135,330			
December	1.....	103,108	17,000	120,108		20,131	
	8.....	106,500	130,379	236,879			
	15.....	60,278	24,483	84,761			
	22.....	127,868	86,987	214,855			
	23-31.....	180,684	145,778	326,462			
1939							
January	1-5.....	57,230		57,230			
	12.....	279,939	274,015	553,954			
	19.....	352,460	37,333	389,793			
	26.....	148,783	82,393	231,176			
February	2.....	557,720	21,867	579,587			
	9.....	237,007	23,960	260,967			
	16.....	210,335	195,940	406,275			
	23.....	365,373	30,877	396,250			
March	2.....	98,946	121,151	220,097			
	9.....	110,987	53,542	164,529			
	16.....	307,061	15,732	322,793			
	23.....	116,098	56,500	172,598			
	30.....	268,389	77,196	345,585			
April	6.....	24,604	59,733	84,337			
	13.....	47,418	50,451	97,869			
	20.....	143,479	79,133	222,612			
	27.....	134,082	84,389	218,471			
May	4.....	29,599	93,625	123,224			
	11.....	81,747	69,821	151,568			
	18.....	106,450		106,450			
	25.....	127,054	44,353	171,407			
June	1.....	112,787	3,960	116,747			
	8.....	50,446	97,109	147,555			
	15.....	2,500		2,500			
	22.....	2,500	19,045	21,545			
	29.....	45,823		45,823			
July	6.....	72,214		72,214			
	13.....	53,250	16,000	69,250			
	20.....	119,500		119,500			
	27.....	238,984	39,307	278,291			8,571
	28-31.....	182,375	26,666	209,041			
Total—Crop Year.....		7,966,104	4,191,211	12,157,315		302,435	241,019

EXPORT CLEARANCES OF CANADIAN WHEAT (All varieties) VIA U.S.A. ATLANTIC
SEABOARD PORTS, CROP YEAR 1933-39 (Ended July 31)

Week ending		Via New York	Via Albany	Via Baltimore	Via Boston	Via Philadelphia	Total
		bush.	bush.	bush.	bush.	bush.	bush.
1938							
August	1-4.....	57,304	40,000				97,304
	11.....	378,591	24,000				402,591
	18.....	78,225	76,975				155,200
	25.....	182,326					182,326
September	1.....	594,278					594,278
	8.....	57,058	98,406				155,464
	15.....	242,224	82,176				324,400
	22.....	206,825					206,825
	29.....	352,952	125,517				478,469
October	6.....	144,114	239,957				384,071
	13.....	30,200					30,200
	20.....	312,051	318,000				630,051
	27.....	78,533	28,400				106,933
November	3.....	244,910	148,000				392,910
	10.....	149,690	140,000			59,720	349,410
	17.....	15,250	174,000				189,250
	24.....	135,330					135,330
December	1.....	60,007	60,101				120,108
	8.....	236,879					236,879
	15.....	84,761					84,761
	22.....	190,315				24,540	214,855
	23-31.....	160,733		141,778		23,951	326,462
1939							
January	1-5.....	41,323			15,907		57,230
	12.....	510,100		23,905		19,949	553,954
	19.....	92,002			184,602	113,189	389,793
	26.....	175,211		23,983	31,982		231,176
February	2.....	110,878		79,481	327,406	61,822	579,587
	9.....	46,953		54,348	123,762	35,904	260,967
	16.....	328,459		31,930		45,886	406,275
	23.....	125,363		71,744	199,143		396,250
March	2.....	159,595			12,514	47,988	220,097
	9.....	95,249		31,945	37,335		164,529
	16.....	100,896	80,000		109,075	32,822	322,793
	23.....	91,827	80,771				172,598
	30.....	176,167	83,733	49,052	8,660	27,973	345,585
April	6.....	76,373		7,964			84,337
	13.....	55,221	34,648			8,000	97,869
	20.....	170,612	44,000			8,000	222,612
	27.....	158,483	48,000	11,988			218,471
May	4.....	63,496	37,333			22,395	123,224
	11.....	5,821	145,747				151,568
	18.....	12,499	86,000			7,951	106,450
	25.....	50,818	120,589				171,407
June	1.....	116,747					116,747
	8.....	37,609	109,946				147,555
	15.....	2,500					2,500
	22.....	21,545					21,545
	29.....	26,145	19,678				45,823
July	6.....	24,214	48,000				72,214
	13.....	29,250	40,000				69,250
	20.....	63,500	56,000				119,500
	27.....	182,296	95,995				278,291
	28-31.....	84,649	124,392				209,041
Total—Crop year.....		7,228,357	2,810,364	528,118	1,050,386	540,090	12,157,315

**DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN GRAIN
EXPORTED OVERSEAS DURING CROP YEAR 1938-39**

Country	From Canadian Pacific Seaboard	From Canadian St. Lawrence- Atlantic Seaboard	From Churchill and Fort William- Port Arthur	From U.S.A. Atlantic Seaboard	Total
	bush.	bush.	bush.	bush.	bush.
<i>Wheat (Other than Durum)—</i>					
Great Britain and Northern Ireland	29,281,994	44,113,272	968,263	479,611	74,843,140
Irish Free State	285,600	3,981,906	56,883	135,591	4,459,980
Belgium	2,678,919	5,358,127	57,034	1,376,520	9,470,600
Denmark	276,600	1,365,086	59,760	1,441,019	3,142,465
Finland		320,899	56,000	435,905	812,804
France	182,029	1,458,067		916,899	2,556,995
Germany	1,953,839	2,413,333		136,625	4,503,797
Greece				37,335	37,335
Holland	737,019	4,265,527		816,016	5,818,562
Italy	545,426	173,904			719,330
Malta	37,333			176,623	213,956
Norway	789,347	2,713,103	56,066	286,034	3,844,550
Portuguese Colonies	23,964	89,674		33,432	147,070
Sweden	184,787	200,845		707,185	1,092,817
Switzerland	1,537,765	1,705,316		241,704	3,484,785
British South Africa		23,049		1,833	24,882
India	294,037				294,037
China	33,334				33,334
Hawaii	123				123
Hong Kong	33				33
Philippine Islands	917				917
Palestine		3,975		411,755	415,430
New Zealand	108,750				108,750
Brazil				15,465	15,465
Colombia	385,410			292,577	677,987
Venezuela				2,000	2,000
Central America	15,239			975	16,214
West Indies	1,250	7,196		21,000	29,446
Wrecked	117,200				117,200
Total—Wheat (Other than Durum)	39,470,915	68,192,979	1,254,006	7,966,104	116,884,004
<i>Durum Wheat—</i>					
Great Britain and Northern Ireland		1,352,610		8,000	1,360,610
Belgium		735,249		245,852	981,101
Cyprus				74,078	74,078
Czecho-Slovakia				38,134	38,134
Denmark		4,000		19,978	23,978
Finland		70,934		64,253	135,187
France		1,805,630		1,100,809	2,906,439
Germany		1,240,882		1,140,666	2,381,548
Greece		659,000		382,064	1,041,064
Holland		113,740			113,740
Italy		98,491		40,000	138,491
Malta				55,949	55,949
Sweden		128,000		287,011	415,011
Switzerland		1,083,601		233,874	1,317,475
Algeria		693,778			693,778
Egypt				35,463	35,463
Palestine		27,400		455,343	482,743
Columbia S.A.				1,250	1,250
West Indies				8,487	8,487
Total—Durum Wheat		8,013,315		4,191,211	12,204,526

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN
GRAIN EXPORTED OVERSEAS DURING CROP YEAR 1938-39—*Concluded*

Country	From Canadian Pacific Seaboard	From Canadian St. Lawrence- Atlantic Seaboard	From Churchill and Fort William- Port Arthur	From U.S.A. Atlantic Seaboard	Total
	bush.	bush.	bush.	bush.	bush.
<i>Oats—</i>					
Great Britain and Northern Ireland.	3,086,271	3,116,350			6,202,621
Holland.	262,295	263,463			525,758
Dutch Colonies.	764				764
Italy.	26,353	16,000			42,353
Switzerland.	76,060	107,149			183,209
China.	2,671				2,671
Federated Malay States.	5,322				5,322
Hawaii.	8,413				8,413
Hong Kong.	44,705				44,705
India.	2,941				2,941
Philippine Islands.	588				588
Straits Settlements.	2,558				2,558
Colombia.	467				467
Newfoundland.		4,956			4,956
West Indies.	49,404	16,152			65,556
Total.	3,568,812	3,524,070			7,092,882
<i>Barley—</i>					
Great Britain and Northern Ireland.	2,396,773	8,631,759			11,028,532
Belgium.				115,005	115,005
Germany.		2,844,025			2,844,025
Holland.		130,000		162,430	292,430
Norway.		9,333			9,333
Switzerland.		4,167		25,000	29,167
Dutch Colonies.	21				21
Federated Malay States.	121				121
Hong Kong.	8,541				8,541
Straits Settlements.	27				27
Total.	2,405,483	11,619,284		302,435	14,327,202
<i>Rye—</i>					
Great Britain and Northern Ireland.		60,001			60,001
Belgium.		47,603			47,603
Denmark.		26,223		143,761	169,984
Holland.		45,902			45,902
Italy.		10,084			10,084
Norway.		193,868	110,000	97,687	401,555
Switzerland.		51,667			51,667
Total.		435,348	110,000	241,448	786,796
<i>Buckwheat—</i>					
Great Britain and Northern Ireland.		10,513			10,513
Belgium.		61,637			61,637
Holland.		207,852			207,852
Total.		280,002			280,002

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATIONS—OF CANADIAN
WHEAT AND WHEAT FLOUR EXPORTED OVERSEAS DURING CROP YEAR 1938-39

Country	Wheat (Other than Durum)	Durum Wheat	Wheat Flour (Expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
	bush.	bush.	bush.	bush.
Great Britain and Northern Ireland and Irish Free State.....	79,303,120	1,360,610	11,084,082	91,747,812
Belgium.....	9,470,600	981,101	2,641	10,454,342
Belgian Colonies.....			1,144	1,144
Cyprus.....		74,078		74,078
Czecho-Slovakia.....		38,134		38,134
Denmark.....	3,142,465	23,978	1,273	3,167,716
Finland.....	812,804	135,187	84,398	1,032,389
France.....	2,556,995	2,906,439	1,206	5,464,640
French Colonies.....			59,367	59,367
Germany.....	4,503,797	2,381,548	284	6,885,629
Greece.....	37,335	1,041,064		1,078,399
Greenland-Iceland.....			34,388	34,388
Holland.....	5,818,562	113,740	119,653	6,051,955
Dutch Colonies.....			125,388	125,388
Italy.....	719,330	138,491	4,505	862,326
Malta and Gibraltar.....	213,956	55,949	*237,358	507,263
Norway.....	3,844,550		918,338	4,762,888
Portugal.....			5,440	5,440
Portuguese Colonies.....	147,070		46,318	193,388
Sweden.....	1,092,817	415,011	19,075	1,526,903
Switzerland.....	3,484,785	1,317,475		4,802,260
British South Africa.....	24,882		14,111	38,993
British East Africa.....			324	324
British West Africa.....			91,203	91,203
Southern Rhodesia.....			8,578	8,578
Algeria.....		693,778		693,778
Egypt.....		35,463	4,735	40,198
Liberia.....			7,600	7,600
Morocco.....			882	882
Aden.....			1,395	1,395
China.....	33,334		619,899	653,233
Hawaii.....	123			123
Hong Kong.....	33		605,620	605,653
India.....	294,037			294,037
Japan.....			12,343	12,343
Fiji Islands.....			868	868
Philippine Islands.....	917		628,440	629,357
Straits Settlements.....			16,254	16,254
Palestine and Syria.....	415,430	482,743	32,574	930,747
Australia.....			1,034	1,034
New Zealand.....	108,750			108,750
Brazil.....	15,465		39,486	54,951
British Guiana.....			428,402	428,402
Chile.....			1,845	1,845
Colombia.....	677,987	1,250		679,237
Ecuador.....			450	450
Venezuela.....	2,000		133,516	135,516
Mexico.....			207	207
Bermuda.....			109,229	109,229
West Indies.....	29,446	8,487	3,339,039	3,376,972
Central America.....	16,214		118,282	134,496
Newfoundland.....			1,324,762	1,324,762
Alaska.....			54	54
U.S.A.—				
For home consumption.....	239,409		433,113	672,522
For grinding in bond.....	9,987,141			9,987,141
Wrecked.....	117,200			117,200
Total.....	127,110,554	12,204,526	20,719,103	160,034,183

* Gibraltar 126 bushels.

DISTRIBUTION—BY FINAL COUNTRIES OF DESTINATION—OF CANADIAN GRAIN EXPORTED OVERSEAS, MONTHLY, DURING THE CROP YEAR 1938-39

Country.	August	September	October	November	December	January	February	March	April	May	June	July	Total
<i>Wheat—All Varieties—</i>													
Great Britain and Northern Ireland	4,121,114	7,544,404	12,593,848	11,613,396	3,757,948	5,109,732	4,352,435	3,432,473	2,041,505	7,434,586	7,049,460	7,152,790	76,203,750
Irish Free State	84,047	436,000	371,000	877,605	298,920	263,674	279,616	306,547	31,688	732,883	554,000	224,000	4,499,380
Belgium	378,905	1,505,077	1,774,395	951,843	942,508	1,080,065	708,369	195,415	332,667	1,813,343	846,714	122,400	10,451,701
Cyprus						37,333		36,745					4,138
Czechoslovakia	11,942			5,998			7,997						38,132
Denmark	102,039	376,256	735,046	375,244	327,266	96,363	93,524	150,070	100,748	362,071	169,927	276,989	3,166,143
Finland	29,430	295,949	723,482	237,578	12,000		11,987	4,039	100,558	100,995		96,995	5,047,434
France	909,571	788,707	668,085	748,254	389,182	333,366	360,463	246,212	100,876	370,284	385,432	143,052	5,463,741
Germany	542,844	851,820	1,879,139	818,020	181,067	218,560	227,367	136,367	426,671	685,220	571,607	346,731	6,888,345
Greece	212,600												1,078,309
Holland	124,000	445,448	1,468,331	932,250	151,623	369,856	414,858	72,118	186,467	261,754	284,754	39,307	1,078,309
Italy	25,747	123,500	181,417	60,267	181,109				103,440	17,200	470,059	102,665	5,932,302
Natal	18,645												8,857,821
Norway		37,333	64,556	44,798			14,631	22,496	14,933	29,818	22,395		289,905
Portuguese Colonies	7,467	920,646	668,789	418,134	55,910	189,210	147,252	220,075	112,000	713,653	161,653	237,814	3,844,550
Sweden	36,000	13,155	31,430	12,133	3,730		12,122	14,000		33,433	4,667	14,933	147,070
Switzerland	255,057	85,899	434,820	135,634	62,619	103,970	120,322		208,260	176,304	48,000	96,000	1,507,828
U.S.S.R.		336,817	1,200,014	1,242,224	171,761	230,407	337,155	271,085	83,704	366,394	283,909	23,733	4,802,360
British South Africa	1,767	933	1,767	1,000	933	9,220	932			2,700	933		693,778
Egypt								16,797				3,767	24,882
China									33,334			18,666	35,463
Hong Kong						294,037							33,334
Hawaii			33										294,037
Philippine Islands	84												33
Palestine	21,900	21,900	65,019	80,038	166,108	129,287	120,152	84	83	84	83	83	123
New Zealand	6,083	18,067			28,000	9,334	9,333		43,856	74,446		59,733	898,173
Brazil										28,000			108,750
Colombia, S.A.	8,833	18,750	43,750	28,250	17,583	88,915	58,499	82,915	20,000	85,413	54,999	15,465	15,465
Venezuela				2,000									679,237
Central America		2,643		6,807	2,701		833						2,000
West Indies	2,480	4,467	2,500	4,020	4,680	1,680	2,100		1,502	834			16,214
Total exported overseas	6,878,655	13,798,454	22,551,432	19,091,220	6,767,988	8,585,226	7,280,330	5,452,361	3,862,263	14,674,858	10,711,089	9,317,464	128,971,330
U.S.A.—													
For home consumption	174	645	1,791	32,458	8,258	17,657	49,489	108,691	2,427	3,818	13,984	17	239,409
For grinding in bond	9,750	924,125	1,223,132	863,073	491,625	833,227	988,324	788,674	875,607	996,899	971,997	1,035,708	9,937,141
Wrecked			117,200										117,200
Grand total exported	6,888,579	14,723,224	23,893,555	19,986,751	7,267,871	9,441,110	8,298,143	6,349,726	4,740,287	15,675,575	11,697,070	10,353,189	139,315,080

GRAIN COMMISSION

25

<i>Oats—</i>	582,784	300,150	892,299	1,162,808	330,824	789,176	234,726	280,673	238,626	664,218	365,676	360,661	6,202,621
Great Britain and Northern Ireland	65,817	65,883	66,881	64,647		131,765						131,765	525,758
Holland													525,758
Dutch Colonies													525,758
Italy			16,000		6,588								42,353
Switzerland	9,412		47,757	70,980									183,209
China	279	103	47,100	103	219	103	470	16,471	88	18,894	19,765	19,765	2,671
Federated Malay States	441	441	470	382	294	706	1,706	176	176	2,059	2,059	1,471	5,322
Hawaii							471	882					8,413
Philippine Islands													1,588
Hong Kong	4,482		3,712	2,353	3,902	5,112	4,480	1,206	4,035	3,741	5,094	4,941	44,705
Straits Settlements	235	177	176		176	176	176	706	559	1,471	1,470	2,941	2,941
Ceylon			467										2,558
New Zealand													4,467
West Indies	6,165	9,282	471	2,965	8,769	941	4,376	20,541	1,365	3,481	1,012	4,956	65,556
Total	669,615	377,683	1,027,333	1,304,238	350,772	927,979	246,405	321,214	246,320	694,559	396,223	530,541	7,092,882
<i>Barley—</i>													
Great Britain and Northern Ireland	965,359	1,239,783	1,534,590	1,912,529	501,902	1,145,220	477,720	563,112	164,200	1,244,347	543,133	736,637	11,028,532
Belgium			50,000	65,005									115,005
Germany	290,000	220,000	1,160,226	1,173,798									2,844,025
Holland			130,000	42,430									292,430
Dutch Colonies													21
Norway				9,333									9,333
Switzerland			19,167	10,000									29,167
Federated Malay States	19	19	16	17	17	17	16	417					121
Hong Kong	1,458	833	417	833	833	1,250	417	17					8,541
Straits Settlements													27
Total	1,256,836	1,460,635	2,894,416	3,213,946	502,752	1,146,457	478,153	563,546	164,210	1,244,774	543,977	857,470	14,327,202
<i>Rye—</i>													
Great Britain and Northern Ireland	17,130	17,156	17,143										60,001
Belgium	39,032	8,571								8,572			47,603
Denmark	14,761	51,937	81,429	12,857									169,984
Holland	11,390	17,143	8,571	8,798									45,902
Italy	6,143	3,941											10,084
Norway	79,790		153,687	168,078									401,555
Switzerland	49,257	2,400											51,667
Total	217,513	101,148	260,830	189,733						8,572		9,000	786,796
<i>Buckwheat—</i>													
Great Britain and Northern Ireland			9,333	1,180									10,513
Belgium			10,000	30,200									61,637
Holland			37,422	117,427	22,500	8,937			10,226	5,277			207,552
Total			56,755	148,807	35,000	23,937			10,226	5,277			280,002

TRADE AND COMMERCE

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN PORTS,*
CROP YEAR 1938-39

Grade	Via Canadian Pacific Seaboard Ports	Via St. Lawrence and Atlantic Seaboard Ports	Via Churchill and Fort William- Port Arthur (Direct)	Total
<i>Wheat—</i>	bush.	bush.	bush.	bush.
1 Manitoba Hard.....	2,346,471	657,252	59,760	3,063,483
1 Manitoba Northern.....	17,807,582	24,626,864	405,726	42,840,172
2 Manitoba Northern.....	6,761,534	19,785,353	509,678	27,056,565
3 Manitoba Northern.....	3,464,374	12,744,638	181,164	16,390,176
Old 3 Manitoba Northern.....		1,112,776		1,112,776
4 Manitoba Northern.....	769,140	4,380,963	79,011	5,229,114
Old 4 Manitoba Northern.....		211,230		211,230
Number 5.....	925,107			925,107
Number 6.....		157,590		157,590
No. 4 Special.....		142,716		142,716
No. 5 Special.....				
Feed.....		375,239		375,239
1 C.W. Garnet.....	173,867	53,400		227,267
2 C.W. Garnet.....	4,214,232	347,190		4,561,422
3 C.W. Garnet.....	2,876,263	1,402,141	18,667	4,297,071
Others.....	132,345	2,195,627		2,327,972
1 C.W. Amber Durum.....		1,251,780		1,251,780
2 C.W. Amber Durum.....		6,537,541		6,537,541
3 C.W. Amber Durum.....		223,994		223,994
Total.....	39,470,915	76,206,294	1,254,006	116,931,215
<i>Oats—</i>				
1 C.W. White.....	7,294	2,308		9,602
2 C.W. White.....	507,279	208,750		716,029
3 C.W.....	1,081,285	994,878		2,076,163
1 Feed.....	1,336,134	1,009,527		2,345,661
2 Feed.....	88,823	508,989		597,812
3 Feed.....	776	682		1,458
Mixed Feed.....	538,918	798,936		1,337,854
Others.....	8,303			8,303
Total.....	3,568,812	3,524,070		7,092,882
<i>Barley—</i>				
3 Ex. C.W. Six-Row.....		2,717,490		2,717,490
3 C.W.....	1,856,288	8,876,794		10,733,082
4 C.W.....	527,729	25,000		552,729
5 C.W.....	21,466			21,466
Total.....	2,405,483	11,619,284		14,024,767
<i>Rye—</i>				
2 C.W.....		435,348	110,000	545,348

* Details of grades shipped via U.S.A. Atlantic Seaboard ports not available

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1938-39—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	38,240,213	3,568,812	2,405,483		
Prince Rupert.....					
Victoria.....	1,230,702				
Port Churchill.....	916,913				
Fort William-Port Arthur.....	337,093			110,000	
Montreal.....	43,410,225	3,377,939	6,559,517	435,348	210,839
Sorel.....	20,332,700	56,423	2,024,594		
Three Rivers.....	9,291,460	75,048	2,299,595		
Quebec.....					
Saint John.....					
West Saint John.....	3,140,028	14,660	710,629		69,163
Halifax.....	31,881		24,949		
Total—Canadian ports.....	116,931,215	7,092,882	14,024,767	545,348	280,002
New York.....	7,228,357			14,761	
Albany.....	2,810,364		302,435	226,687	
Philadelphia.....	540,090				
Baltimore.....	528,118				
Boston.....	1,050,386				
Total—U.S.A. ports.....	12,157,315		302,435	241,448	
Grand Total.....	129,088,530	7,092,882	14,327,202	786,796	280,002

**OVERSEAS EXPORTS OF CANADIAN GRAIN, MONTHLY, BY GROUPS OF PORTS
FROM WHICH SHIPPED, CROP YEAR 1938-39**

	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	bush.	bush.	bush.	bush.	bush.
<i>Via Canadian Pacific Seaboard Ports—</i>					
August, 1938.....	6,167	28,073	68,252		
September, 1938.....	1,659,850	9,850	852		
October, 1938.....	2,887,727	38,337	433		
November, 1938.....	5,674,658	661,662	82,517		
December, 1938.....	5,391,819	350,772	313,983		
January, 1939.....	6,354,597	927,979	1,025,734		
February, 1939.....	4,681,557	244,098	303,133		
March, 1939.....	3,695,305	308,861	312,510		
April, 1939.....	2,638,878	246,320	164,210		
May, 1939.....	2,470,795	377,530	120,515		
June, 1939.....	2,331,505	209,406	844		
July, 1939.....	1,678,057	165,924	12,500		
Total.....	39,470,915	3,568,812	2,405,483		
<i>Via Canadian St. Lawrence-Atlantic Sea- board Ports—</i>					
August, 1938.....	5,923,428	641,542	1,188,584	202,752	
September, 1938.....	10,089,258	367,833	1,459,783	58,291	
October, 1938.....	17,730,810	988,996	2,698,983	30,000	56,755
November, 1938.....	12,500,964	642,576	3,023,994	135,733	148,807
December, 1938.....	513,212		188,769		35,000
January, 1939.....	911,942		120,753		23,937
February, 1939.....	880,907	2,307	175,020		
March, 1939.....	692,775	12,353	251,036		
April, 1939.....	562,331				10,226
May, 1939.....	11,458,505	317,029	1,124,259	8,572	5,277
June, 1939.....	8,044,802	186,817	543,133		
July, 1939.....	6,897,360	364,617	844,970		
Total.....	76,206,294	3,524,070	11,619,284	435,348	280,002
<i>Via Churchill—</i>					
August, 1938.....					
September, 1938.....	303,192				
October, 1938.....	613,721				
November 1938 to July, 1939.....					
Total.....	916,913				
<i>Via Fort William-Port Arthur—</i>					
August, 1938.....					
September, 1938.....	56,000				
October, 1938.....	56,066			56,000	
November, 1938.....				54,000	
December, 1938 to April, 1939.....					
May, 1939.....	113,917				
June, 1939.....	111,110				
July, 1939.....					
Total.....	337,093			110,000	
<i>Via U.S.A. Atlantic Seaboard Ports—</i>					
August, 1938.....	949,060			14,761	
September, 1938.....	1,690,154			42,857	
October, 1938.....	1,380,308		195,000	174,830	
November, 1938.....	915,598		107,435		
December, 1938.....	862,957				
January, 1939.....	1,318,687				
February, 1939.....	1,717,866				
March, 1939.....	1,064,281				
April, 1939.....	661,044				
May, 1939.....	631,641				
June, 1939.....	223,672				
July, 1939.....	742,047			9,000	
Total.....	12,157,315		302,435	241,448	

GRAIN COMMISSION

29

EXPORT CLEARANCES OF CANADIAN WHEAT AND WHEAT FLOUR, MONTHLY, CROP YEAR 1938-39 (ENDED JULY 31)

Month	Canadian Pacific Seaboard Ports	Canadian Atlantic Seaboard Ports	Churchill	Fort William- Port Arthur	U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total All Wheat	Wheat Flour (expressed as Wheat at $4\frac{1}{2}$ bush. per barrel)	Total Wheat and Wheat Flour
						Con- sumption Duty-Paid	Milling in Bond			
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
1938										
August.....	6, 167	5, 923, 428	.....	.....	949, 060	174	9, 750	6, 888, 579	1, 288, 215	8, 176, 794
September.....	1, 659, 850	10, 089, 258	303, 192	56, 000	1, 690, 154	645	924, 125	14, 723, 224	1, 438, 826	16, 162, 050
October.....	2, 887, 727	17, 730, 810	613, 721	56, 066	1, 380, 308	1, 791	1, 223, 132	23, 893, 555	2, 378, 705	26, 272, 260
November.....	5, 674, 658	12, 500, 964	.....	.....	915, 598	32, 458	863, 073	19, 986, 751	2, 150, 438	22, 137, 189
December.....	5, 391, 819	513, 212	.....	.....	862, 957	8, 258	491, 625	7, 267, 871	1, 642, 882	8, 910, 753
1939										
January.....	6, 354, 597	911, 942	.....	.....	1, 318, 687	17, 657	838, 227	9, 441, 110	1, 707, 920	11, 149, 030
February.....	4, 681, 557	880, 907	.....	.....	1, 717, 866	49, 489	968, 324	8, 298, 143	1, 308, 447	9, 606, 590
March.....	3, 695, 305	692, 775	.....	.....	1, 064, 281	108, 691	788, 674	6, 349, 726	1, 623, 384	7, 973, 110
April.....	2, 638, 878	562, 331	.....	.....	661, 044	2, 427	875, 607	4, 740, 287	1, 238, 738	5, 979, 025
May.....	2, 470, 795	11, 458, 505	.....	113, 917	631, 641	3, 818	996, 899	15, 675, 575	2, 321, 001	17, 996, 576
June.....	2, 331, 505	8, 044, 802	.....	111, 110	223, 672	13, 984	971, 997	11, 697, 070	1, 805, 351	13, 502, 421
July.....	1, 678, 057	6, 897, 360	.....	.....	742, 047	17	1, 035, 708	10, 353, 189	1, 815, 196	12, 168, 385
Total Crop Year 1938-39.....	39, 470, 915	76, 206, 294	916, 913	337, 093	12, 157, 315	239, 409	9, 987, 141	139, 315, 08	16, 243, 441	160, 034, 183
Total Crop Year 1937-38.....	10, 946, 332	51, 299, 869	603, 982	114, 375	14, 173, 116	108, 125	2, 096, 421	79, 342, 220	16, 243, 441	95, 585, 661

* U.S.A. official figures.

(j) ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS JULY 31, 1939
SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Oats		Mixed Feed Oats		Sample Grain and Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>								
Calgary.....	bush.	bush.	bush.	bush.	bush.	bush.	pounds	pounds
Edmonton.....		4,499-50	20-20					
Lethbridge.....	440-10	528-40		1-26				
Moose Jaw.....		5,057-00			2,296-06		21,580	
Saskatoon.....		5,564-40			20,696-16		40	
Totals.....	440-10	15,650-10	20-20	1-26	22,992-22		21,620	
Net Total—Surplus..... or Deficit.....			18-28		22,992-22		21,620	
		15,210-00						

ANNUAL WEIGH-UP, JULY 31, 1939

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1 C.W. and 2 C.W. Garnet grades of WHEAT, as revealed by the annual weigh-up, July 31, 1939, of grain in store in PUBLIC TERMINAL ELEVATORS in the WESTERN DIVISION, and arrived at in the manner prescribed in section 138, Canada Grain Act, 1930, and amendments thereto

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Government—	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
			401-20				382-10	4,057-40		3,847-30	82-00	1,140-20
							23-05	1,040-10	1,550-40	145-05	110-00	6,115-50
							260-40	1,525-20	188-10	47-10		
			1,678-35				27-25	2,240-30		11,199-05		6-10
Saskatoon.....				136-00				1,014-40	13,034-20			227-40

There is no excess due to the Crown in the grades of Wheat as specified above from the Canadian Government elevators.

ANNUAL WEIGH-UP, JULY 31, 1939

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1.C.W. Garnet and 2 C.W. Garnet grades of WHEAT, as revealed by the annual weigh-up, July 31, 1939, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930, and amendments thereto

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Bawlf Terminal Elevator Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush. 12-10	bush. 430-00	bush. 322-10	bush. 58-00	bush. 18-50	bush. 79-20
Canadian Consolidated Grain Co. Ltd.—												
“Empire”							4-00	148-20	485-30	171-20		
“Thunder Bay”							3-50	311-40	378-00	122-40		
Eastern Terminal Elevator Co. Ltd.—					228-20							58-40
“Richardson”							4,903-50	2,012-20	4,082-20			
Federal Grain Ltd.—			3,059-20								34-30	401-30
“Northwestern”												
“Stewart”							515-40	1,352-10	1,376-30	836-50	145-40	1,421-50
Fort William Elevator Co. Ltd							441-40	1,780-20	1,902-20	852-40	49-30	810-40
Grand Trunk Pacific Elevator Co. Ltd.							85-00	1,969-30	1,585-20	590-20	195-00	1,225-30
Manitoba Pool Elevators Ltd.—							36-20	995-00	6,011-40	5,192-20	326-10	3,765-00
“Number 1”							57-10	860-00	1,315-30	2,697-00		6,480-30
“Number 2”					2,830-10		552-50	1,725-20	2,152-30	3,208-10	88-20	580-00
“Number 3”							200-50	1,061-30	1,534-30	496-10	52-00	268-30
“Number 5”							196-30	1,009-00	1,535-30	2,017-30	40-20	648-40
McCabe Bros. Grain Co. Ltd.												
(Can. Govt. El.)						39-30	71-50	3,321-30	5,089-40	2,885-10	132-30	
“Elevator Co.”							165-00	667-50	3,086-20	776-10	107-00	874-50
Ogilvie Flour Mills Co. Ltd.					679-50		5-20	854-10	9,990-10	3,684-40	153-50	1,723-30
N. M. Paterson & Co. Ltd.		1,004-50					147-30	1,797-10	1,543-30	243-20	37-40	1,220-20
Reliance Grain Co. Ltd.			500-40									482-20
Saskatchewan Pool Terminals Ltd.				360-50								
“Number 4”												
“Number 6”							12-50	627-10	744-00	178-10	1-40	267-30
“Number 7”					—50		—50	797-50	2,420-40	805-30		517-30
“Number 7”							140-20	3,650-50	4,076-10	2,413-30	287-20	715-30
“Number 7”							2,155-30	5,153-20	7,965-30	11,519-50	1,197-20	1,783-00
Searle Terminal Ltd.												
Superior Elevator Co. Ltd.—												
“P. & H.”							16-30		4,804-00	4,812-40	8-30	373-30
Union Terminal Ltd.		6,399-40							1,423-40	12-40	21-50	59-10
United Grain Growers' Terminals Ltd.		252-00										
Western Grain Co. Ltd.	113-00			45-10								
							38-50	8,459-40	10,046-50	5,331-40	152-50	5,865-00
								1,168-00	439-40		77-30	106-00

There is no excess due to the Crown from the above elevators.

GRAIN COMMISSION

33

ANNUAL WEIGH-UP, JULY 31, 1939

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1 C.W. and 2 C.W. Garnet grades of WHEAT, as revealed by the annual weigh up, July 31, 1939, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS at VANCOUVER-NEW WESTMINSTER, VICTORIA and CHURCHILL, and arrived at in the manner prescribed in Section 138 Canada Grain Act, 1930, and amendments thereto

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver-New Westminster—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Alberta Wheat Pool—							406-00	2,012-30	1,897-00	746-10	97-30	1,458-20
“Number 1”,							13-00	427-50	284-50	5,008-30	165-50	1,121-00
“Number 2”							1,559-40	3,850-40	1,616-30	1,189-50	57-20	918-20
Midland Pacific Terminal Ltd....							13-00	443-30	132-30	60-00	16-50	174-10
“Number 2”							2,121-00	10,788-50	2,072-20	2,110-20	360-40	2,815-40
Pacific Elevators Ltd.....							162-50	1,643-00	1,023-40	1,028-10	82-40	1,477-40
Searle Terminal Ltd.....							1,217-10	5,897-00	3,104-30	1,553-20	178-30	1,672-10
United Grain Growers Terminals Ltd.....												
<i>Victoria—</i>												
Gillespie Grain Co. Ltd.....								760-40	2,499-50	2,316-10	.....	366-40
<i>Churchill—</i>												
National Harbours Board.....		409-10						.....	1,632-10	1,550-00	.....	.....

There are no excesses due to the Crown from the above elevators.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

- E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 J. D. Fraser, Chief Inspector, Board of Grain Commissioners.
 James Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 J. Watson, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chemist in Charge, Grain Research Laboratory.
 L. H. Newman, Dominion Cerealists.
 N. Young, Assistant Director, Production Service, Department of Agriculture.
 H. Sellers, representing Millers of Wheat Flour.
- | | | |
|---|---|---|
| George Bennet, | } | representing Grain Growers in Alberta. |
| W. H. Fairfield, | | |
| R. H. MacDonald, | | |
| B. S. Plumer, | | |
| Dr. L. E. Kirk, | } | representing Grain Growers in Saskatchewan. |
| J. Wellbelove, | | |
| W. Wright, | | |
| G. E. Canfield, | | |
| A. Sproule, | | |
| P. F. Breddt, | } | representing Grain Growers in Manitoba. |
| Dr. J. H. Craigie, | | |
| J. Quick, | | |
| G. Constable, representing Grain Growers in British Columbia. | | |

COMMITTEE ON EASTERN GRAIN STANDARDS

- E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 Norman Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 T. A. Climo, representing Exporters of Grain.
- | | | |
|---|---|--|
| J. J. Page | } | representing Millers of Wheat in the Eastern Division. |
| K. F. Wadsworth | | |
| R. J. Scott | } | representing Grain Growers in Ontario. |
| H. Currie | | |
| W. Wallace, Additional—representing Corn Growers. | | |
| J. M. Vittie, Additional. | | |
| G. E. McConney, Additional. | | |

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

*Winnipeg**Calgary**Edmonton*

James Cuddy (Chairman)	J. Watson (Chairman)	C. R. Manahan (Chairman)
Grant Hammond	F. T. Allison.	J. W. Allen.
J. McMahon.	J. A. Harris.	W. H. Boyle.
A. F. Moore.	W. McLeod.	A. Fraser.
J. Murray.	E. J. Munson.	C. C. Gillies.
S. C. Swanton.	G. C. Arbuthnott.	J. A. Kyle.
C. J. Wells.	A. Watson.	L. T. Ingram.
P. V. Wright.	J. D. Russell.	R. H. Settle.
J. N. Wise.	F. N. Sandgathe.	F. J. Wolfe.
A. G. Melrose (Secretary)	E. S. Munro (Secretary)	John Blue (Secretary)

*Toronto**Montreal*

G. D. Brundrit.	P. J. Marples (Chairman)
C. H. Coatsworth.	A. Chaplin.
R. C. Pratt.	F. B. Earle.
N. H. Campbell.	N. Wight.
C. W. Heimbecker.	J. A. Byrne.
L. S. Johnston.	J. M. Vittie.
W. N. McCarthy.	T. A. Climo.
G. E. McConney.	H. C. Beatty (Secretary).
E. D. Sullivan.	
K. F. Wadsworth.	
F. D. Tolchard (Secretary).	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1939

	Number of Appeals Held	Number of Appeals allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	1,526	217	.....	1,309
Calgary.....	608	107	1	500
Edmonton.....	374	41	.....	333
Toronto.....				
Montreal.....				

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., December 18, 1939.

THE SECRETARY,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and Eastern warehouse receipts or transfer receipts during the crop year ended August 31, 1939:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	199,797,304-30	194,594,809-20
Oats.....	17,690,981-22	19,186,289-11
Barley.....	17,160,242-10	17,900,871-28
Flax.....	550,774-06	603,875-24
Rye.....	2,811,489-31	2,740,618-18
Mixed Grain.....	121,611-40	91,769-20
Corn.....	81,878-26	71,179-00
Barley Malt.....	612,340-10	612,340-10
Buckwheat.....	105-30	105-30
<i>Vancouver—</i>		
Wheat.....	47,775,412-20	42,905,018-10
Oats.....	3,522,598-05	3,490,452-12
Barley.....	2,619,707-24	2,415,276-42
Flax.....	445-06	470-26
Rye.....	1,990-34	2,304-36
Mixed Grain.....	34,989-00	4,000-00
Corn.....	15,594-20	15,555-10
<i>Calgary—</i>		
Wheat.....	2,797,068-00	1,683,556-20
Oats.....	73,457-32	76,422-12
Barley.....		368-36
<i>Edmonton—</i>		
Wheat.....	3,608,177-50	2,846,506-20
Oats.....	43,098-02	63,522-18
Barley.....	3,331-22	3,231-32
Rye.....	328-22	328-22
Mixed Grain.....	105-40	105-40
<i>Lethbridge—</i>		
Wheat.....	1,012,799-30	909,236-00
Oats.....	313-33	294-10
Barley.....		165-15
Flax.....	513-27	242-38
<i>Moose Jaw—</i>		
Wheat.....	2,873,709-00	2,537,180-00
Oats.....	194-04	7,571-06
<i>Saskatoon—</i>		
Wheat.....	2,607,745-50	2,239,036-20
Oats.....	9,600-26	17,840-20
Barley.....		471-32
Mixed Grain.....	265-30	208-30

REPORT OF REGISTRAR—Conc.

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Total—</i>		
Wheat.....	260,472,217-00	247,715,342-30
Oats.....	21,340,244-22	22,842,392-21
Barley.....	19,783,281-08	20,320,385-39
Flax.....	551,732-39	604,588-32
Rye.....	2,813,808-31	2,743,251-20
Mixed Grain.....	156,972-10	95,875-10
Corn.....	97,472-46	86,734-10
Barley Malt.....	612,340-10	612,340-10
Buckwheat.....	105-30	105-30
<i>Montreal—</i>		
Wheat.....	240,009,071-30	198,177,588-20
Oats.....	18,767,898-21	18,272,590-01
Barley.....	30,403,715-08	30,156,237-24
Flax.....	2,683,190-02	2,753,154-33
Rye.....	972,340-41	959,930-18
Mixed Grain.....	29,248-28	16,117-00
Corn.....	27,990,557-14	28,806,682-06
Screenings.....	1,671,283-36	1,618,685-40
Beans.....	4,669,432-40	4,673,902-50
Buckwheat.....	303,200-12	303,150-14

Yours respectfully,

W. T. TODD,
Registrar.

APPENDIX No. 5

REPORT OF CHIEF GRAIN INSPECTOR

WINNIPEG, MAN.,
November 23, 1939.

MR. J. RAYNER,
Secretary, Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I hereby submit my annual report covering car and cargo inspections in the Western Division; car and cargo inspections and sampling in the Eastern Division, for the year ending July 31, 1939.

The crop of 1938 in the Western Division was again rather severely affected by drought, particularly in the southern and south central portions of the Provinces. The crop, outside of drought areas, was average or better, resulting in a crop considerably larger than any since the crop of 1932. The crop was harvested under good conditions and the grain produced was of high grade and good quality.

The total number of cars inspected in the Western Division for the Year 1938-39 was 214,029 as against 113,492 for the previous year, an increase of 100,537 cars.

Yours truly,
JAS. D. FRASER,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1938 to July 31, 1939 are made up as follows:

	Cars	Percentages
Wheat.....	180,496	84.333
Oats.....	14,522	6.785
Barley.....	16,177	7.558
Flax.....	622	.291
Rye.....	2,046	.956
Mixed Grain.....	69	.032
Corn.....	55	.026
Buckwheat.....	1	.000
Screenings.....	41	.019
Total.....	214,029	100.000

The Grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	2,830	1.831		
1 Manitoba Northern.....	43,604	28.211		
2 Manitoba Northern.....	56,275	36.409		
3 Manitoba Northern.....	31,457	20.352		
4 Manitoba Northern.....	6,236	4.034		
No. 5.....	4,083	2.642		
No. 6.....	322	.208		
Feed.....	1,230	.796		
Sample.....	74	.048		
Smutty.....	317	.206		
Tough.....	538	.348		
Damp.....	13	.008		
Rejected.....	2,774	1.795		
No. 4 Special.....	3,259	2.108		
No. 5 Special.....	1,021	.661		
No. 6 Special.....	530	.343		
Total Red Spring Wheats.....	154,563	100.000	154,563	85.322
1 Garnet.....	613	4.334		
2 Garnet.....	8,373	59.203		
3 Garnet.....	4,736	33.487		
Smutty Garnet.....	16	.113		
Tough Garnet.....	32	.226		
Damp Garnet.....	1	.007		
Rejected Garnet.....	372	2.630		
Total Garnet Wheats.....	14,143	100.000	14,143	7.836
1 Amber Durum.....	1,176	10.569		
2 Amber Durum.....	7,149	64.249		
3 Amber Durum.....	2,328	20.922		
4 Amber Durum.....	75	.674		
6 Amber Durum.....	1	.009		
Smutty Amber Durum.....	46	.414		
Tough Amber Durum.....	17	.153		
Rejected Amber Durum.....	307	2.759		
Sample Amber Durum Broken.....	26	.234		
Sample Amber Durum and Ragweed.....	2	.017		
Total Amber Durum Wheat.....	11,127	100.000	11,127	6.465

The Grades of Wheat are as follows—*Concluded*

	Cars	Percentages	Totals	Percentage of total Inspections
2 White Spring	3	33.333		
3 White Spring	5	55.556		
Tough White Spring	1	11.111		
Total White Spring Wheat	9	100.000	9	.005
1 Mixed Wheat	179	73.966		
3 Mixed Wheat	22	9.090		
4 Mixed Wheat	16	6.611		
5 Mixed Wheat	5	2.065		
6 Mixed Wheat	1	.415		
Tough Mixed Wheat	1	.415		
Damp Mixed Wheat	1	.414		
Rejected Mixed Wheat	17	7.024		
Total Mixed Wheat	242	100.000	242	.134
1 Alberta Red Winter	216	52.427		
2 Alberta Winter	83	20.146		
3 Alberta Winter	19	4.612		
Tough Alberta Winter	4	.971		
Damp Alberta Winter	1	.243		
Smutty Alberta Winter	86	20.873		
Rejected Alberta Winter	3	.728		
Total Alberta Winter Wheat	412	100.000	412	.228
Total	180,496		180,496	100.000

The grades of Oats are as follows:—

	Cars	Percentages
1 Canada Western	14	.096
2 Canada Western	2,820	19.419
3 Canada Western	7,157	49.284
Special Feed	10	.069
Ex. 1 Feed	63	.434
1 Feed	3,343	23.020
2 Feed	908	6.253
3 Feed	61	.420
Mixed Feed Oats	8	.055
Rejected Oats	8	.055
Sample	4	.028
Tough	122	.840
Damp	4	.027
Total	14,522	100.000

The grades of Barley are as follows:—

	Cars	Percentages
2 C.W. Six-row	3	.019
3 Ex. C.W. Six-row	5,738	35.470
2 C.W. Two-row	4	.025
3 Ex C.W. Two-row	87	.538
3 Ex. C.W. Trebl	1	.006
3 C.W.	7,598	46.968
4 C.W.	1,731	10.700
5 C.W.	796	4.921
6 C.W.	86	.531
Rejected	6	.037
Sample	1	.006
Tough	123	.760
Damp	3	.019
Total	16,177	100.000

The grades of Flax are as follows:—

	Cars	Percentages
1 C.W.....	558	89.710
2 C.W.....	52	8.360
3 C.W.....	3	.482
4 C.W.....	1	.161
Rejected.....	1	.161
Tough.....	7	1.126
Total.....	622	100.000

The Grades of Rye are as follows:—

	Cars	Percentages
1 C.W.....	14	.684
2 C.W.....	1,252	61.193
3 C.W.....	714	34.897
4 C.W.....	16	.782
Ergoty Rye.....	5	.244
Rejected.....	3	.147
Tough.....	41	2.004
Damp.....	1	.049
Total.....	2,046	100.000

The grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	19	27.536
No. 2.....	6	8.696
No. 9.....	41	59.421
Tough.....	1	1.449
Damp.....	1	1.449
Rejected.....	1	1.449
Total.....	69	100.000

The number of cars of grain inspected at the various points during the Crop Year August 1, 1938 to July 31, 1939.

	Cars	Percentages
Winnipeg.....	153,492	71.716
Calgary.....	23,238	10.857
The Pas.....	1,998	.934
Moose Jaw.....	6,065	2.834
Saskatoon.....	6,492	3.033
Medicine Hat.....	2,400	1.121
Lethbridge.....	557	.260
Vancouver.....	1,460	.682
Edmonton.....	18,080	8.448
Churchill.....	247	.115
Total.....	214,029	100.000

SUMMARY OF CARS REINSPECTED

	Winnipeg		Calgary	
Cars inspected.....	153,492		23,238	
Cars reinspected.....	37,426 = 24.38%		2,628 = 11.31%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	24,748	66.12	2,048	77.93
Grades raised.....	8,772	23.44	292	11.11
Grades lowered.....	169	.45	8	.30
Dockage raised.....	425	1.14	35	1.33
Dockage lowered.....	3,312	8.85	245	9.33
Totals.....	37,426	100.00	2,628	100.00

	Edmonton		Saskatoon	
Cars inspected.....	18,080		6,492	
Cars reinspected.....	3,445 = 19.05%		505 = 7.78%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	3,047	88.45	463	91.68
Grades raised.....	145	4.21	42	8.32
Grades lowered.....	52	1.51		
Dockage raised.....	118	3.42		
Dockage lowered.....	83	2.41		
Totals.....	3,445	100.00	505	100.00

	Moose Jaw		Medicine Hat	
Cars inspected.....	6,065		2,400	
Cars reinspected.....	724 = 11.94%		69 = 2.87%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	633	87.43	52	75.36
Grades raised.....	83	11.46	12	17.39
Grades lowered.....	1	.14	2	2.90
Dockage raised.....				
Dockage lowered.....	7	.97	3	4.35
Totals.....	724	100.00	69	100.00

	Lethbridge		Vancouver	
Cars inspected.....	557		1,460	
Cars reinspected.....	17 = 3.05%		18 = 1.23%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	14	82.35	5	27.78
Grades raised.....	3	17.65	7	38.89
Grades lowered.....			3	16.67
Dockage raised.....				
Dockage lowered.....			3	16.66
Totals.....	17	100.00	18	100.00

TRADE AND COMMERCE

SUMMARY OF CARS REINSPECTED

	The Pas	Churchill
Cars inspected.....	1,998	247
Cars reinspected.....		

RECAPITULATION OF REINSECTIONS

Total cars inspected.....	214,029
Total cars reinspected.....	44,832 = 20.95%

	Cars	Per cent	Per cent of total Inspections
Left as graded.....	31,010	69.17	14.49
Grades raised.....	9,356	20.87	4.37
Grades lowered.....	235	.52	.11
Dockage raised.....	578	1.29	.27
Dockage lowered.....	3,653	8.15	1.71
Total.....	44,832	100.00	20.95

SUMMARY OF CARS APPEALED

	Winnipeg		Calgary		Edmonton		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as graded.....	1,309	85.78	499	82.08	333	89.04	2,141	85.37
Grades raised.....	217	14.22	107	17.60	41	10.96	365	14.55
Grades lowered.....			1	.16			1	.04
Dockage raised.....								
Dockage lowered.....			1	.16			1	.04
Totals.....	1,526	100.00	608	100.00	374	100.00	2,508	100.00

PERCENTAGES OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total inspections.....	214,029	100.00
Total appeals.....	2,508	1.17
Total grades changed.....	367	.17

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1938, TO JULY 31, 1939

	Fort William and Port Arthur	Vancouver and New Westminster	Churchill	Victoria	Prince Rupert
	bush.	bush.	bush.	bush.	bush.
Wheat.....	179,266,130	38,240,213	916,912	1,230,702	
Oats.....	14,900,775	3,652,636		15,117	
Barley.....	17,972,737	2,405,483			
Flax.....	452,586	208			
Rye.....	2,411,872				
	lbs.				
Mixed Grains.....	237,790				
Mixed Feed, Oats, Groats.....	356,440				
Barley Malt.....	22,766,620				
Screenings.....	172,533,570			80,000 lbs.	

GRAIN COMMISSION

	Winnipeg	Calgary	Moose Jaw	Saskatoon	Churchill	Lethbridge	Edmonton	Fort William and Port Arthur	Prince Rupert	Vancouver	Total
Wheat.....	1,787	1,208	1,715	1,577	.....	461	1,403	2,016	.....	679	10,846
Oats.....	813	126	158	63	.....	.....	339	1,583	.....	162	3,244
Barley.....	672	367	6	.....	.....	.....	45	379	.....	47	1,516
Flax.....	21	1	1	.....	.....	.....	.....	115	.....	.....	138
Rye.....	47	1	1	.....	.....	.....	.....	119	.....	6	174
Mixed Grain.....	23	21	.....	1	.....	.....	8	20	.....	5	78
Corn.....	20	.....	.....	.....	.....	.....	1	40	.....	.....	61
Buckwheat.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Mixed Feed Oats Groat.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	13
Screenings.....	224	202	126	268	4	.....	34	818	.....	549	2,225
Total.....	3,608	1,926	2,007	1,909	4	461	1,830	5,103	.....	1,448	18,296

TRADE AND COMMERCE

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1938, TO JULY 31, 1939

Cargoes—

Grain grown in Eastern Division—	Bushels	Bushels	Bushels
At Montreal.....	402,176		
At Toronto.....	210,200		
		612,376	
Grain grown in United States—			
At Montreal.....		9,480,639	10,093,015

Car Loads—

Grain grown in Eastern Division—	Cars	Cars	Cars
At Toronto.....	1,805		
At Montreal.....	226		
At Chatham.....	137	2,168	

GRAIN CARGOES SAMPLED BUT NOT INSPECTED, AUGUST 1, 1938 to JULY 31, 1939

	Bushels	Bushels
Western Grain.....	184,020,363	
Eastern Grain.....	737,471	
African Grain.....	363,463	
Argentine Grain.....	27,070	
Australian Grain.....	125,612	
United States Grain.....	24,209,325	
		209,483,304

At Montreal.....	122,604,510	
At Sorel.....	54,640,402	
At Three Rivers.....	27,423,430	
At West Saint John, N.B.....	4,566,733	
At Quebec.....	121,237	
At Halifax.....	56,828	
At Toronto.....	70,164	
		209,483,304

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1938 TO JULY 31, 1939

	Montreal	Toronto	Chatham
Western Grain.....	212		
Eastern Grain.....	163	39	5
United States Grain.....	27	1	
African Grain.....	16		
Australian Grain.....	6		
Miscellaneous Grain.....	78	11	
	502	51	5

GRADES OF CARGOES INSPECTED

Grain grown in Eastern Division—

Wheat—	Bushels
No. 2 Mixed Winter.....	554,650
Smutty No. 2 Red Winter.....	10,112
Tough No. 2 Mixed Winter.....	45,014

Oats—

No. 2 White.....	2,600
------------------	-------

Grain grown in United States—

Corn—	
No. 1 Yellow.....	780,069
No. 2 Yellow.....	7,916,011
No. 2 Mixed.....	668,926

Barley—

No. 3.....	115,633
------------	---------

GRADES OF CAR LOADS INSPECTED

	Toronto	Montreal	Chatham	Total
<i>Wheat—</i>				
No. 1 White Winter.....	3			3
No. 1 Red Winter.....			6	6
No. 2 Red Winter.....	19		2	21
No. 2 White Winter.....	146		4	150
No. 3 Winter.....	127		8	135
No. 4 Winter.....	6	1		7
No. 1 Mixed Winter.....	8		23	31
No. 2 Mixed Winter.....	673	9	47	729
No. 3 Mixed Winter.....	5			5
Rejected Winter.....	16		11	27
Tough.....	144	4	1	149
<i>Oats—</i>				
No. 2 White.....		3		3
No. 3 White.....	6	6		12
No. 4 White.....	21	7		28
Rejected.....	3	1		4
Tough.....		2		2
<i>Barley—</i>				
No. 3 Extra.....	41		4	45
No. 3.....	20			20
No. 4.....	4			4
Rejected.....	4			4
Tough.....	2			2
<i>Corn—</i>				
No. 1 Yellow.....		1	1	2
No. 2 Yellow.....	109	7	9	125
No. 3 Yellow.....		2	1	3
No. 2 White.....	1			1
No. 2 Mixed.....		3		3
Rejected.....	21		6	27
Tough.....	53	3	10	66
Damp.....	279			279
<i>Pea Beans—</i>				
No. 1.....		4		4
No. 2.....		40	1	41
No. 3.....		23	3	26
Tough.....		4		4
<i>Buckwheat—</i>				
No. 2.....		1		1
No. 3.....		8		8
Rejected.....	1			1
Tough.....	86	74		160
Damp.....	3	22		25
<i>Rye—</i>				
No. 2.....	3			3
<i>Mixed Grain.....</i>				
	1	1		2

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

J. RAYNER, Esquire,
Secretary, Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit the following report covering the work of the Weighing Branch of the Board for the crop year 1938-1939.

In accordance with Sections 91 and 123 of the Act, weighing services were supplied at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing of grain received into and shipped out of these elevators.

At elevators operating under a Mill Elevator License in the Western Division, weighing services were also supplied.

In the Eastern Division weighing services were supplied, on a fees basis, for outward car shipments at the following elevators: Goderich Elevator; Western Canada Flour Mills Elevator, Goderich; Canada Steamship Lines Elevator, Midland; Midland Simcoe Elevator, Midland; Aberdeen Elevator, Midland; Great Lakes Elevator, Owen Sound; Canadian Pacific Railway Elevator, Port McNicoll; Sarnia Elevator, Sarnia; Toronto Elevator, Toronto.

In all elevators licensed by the Board where weighing services have been supplied, the equipment used for receiving, shipping and weighing grain has been maintained in good condition under the supervision of officers of this Branch.

In accordance with the Weights and Measures Act and Regulations, 1929, Chapter 212, Section 50, I carried out the annual inspection of scales, under my authority as Inspector of Weights and Measures of Terminal Elevator Scales, in the following elevators: All terminal elevators at Port Arthur and Fort William; the Canadian Government Interior Elevators at Moose Jaw, Saskatoon, Calgary, Edmonton, Lethbridge and Prince Rupert; and those terminal elevators loading to tide water at the Pacific Coast; and the National Harbours Board Elevator at Port Churchill; for which certificates of verification were issued. Semi-annual inspection of scales in the above elevators was also carried out to insure the continued accuracy of the scales, and special tests of some scales during the year when considered necessary and upon request.

The scales in the above elevators have been maintained in good condition by an expert scale mechanic who is retained by the licensees of these elevators.

The scales in elevators licensed by the Board in the Eastern Division were inspected by Mr. P. J. Marples of Montreal, in accordance with the Weights and Measures Act.

Very few complaints were received during the crop year of shortages of cars unloaded at terminal points. Those received were carefully investigated, and, where the investigations warranted it, adjustments were made or recommended.

There is attached a statement showing the average reported shortages of pounds per one thousand bushels on the various grains loaded into vessels at

Port Arthur and Fort William and unloaded at Canadian and American Ports. Some complaints were received of reported shortages in the outturn of some cargoes which were thoroughly investigated, but no evidence was discovered that would affect the accuracy of the loading weights for which certificates were issued.

All the grain in store in Public Terminal Elevators, Semi-Public Terminal Elevators, and the four top grades of Wheat in Private Terminal Elevators, licensed by the Board, was weighed over as required under the Act. Statements of the correct quantities of the various grades in store were prepared by this Branch and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Terminal Elevators, and the establishment of overages in Terminal Elevators, in accordance with the provisions of Section 138 of the Canada Grain Act.

Some special weighovers of grain in store in Terminal Elevators were carried out by orders of the Board.

On instructions from the Board, weighovers were conducted at Eastern Elevators prior to the amendments to the Canada Grain Act, August 1, 1939, coming into effect, and statements of the correct quantity of each grade in store prepared and forwarded to the Board.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

FORT WILLIAM, ONT.,
January 6, 1940.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31st, 1939.

FORT WILLIAM-PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	191,280,456-30	2,448,584-50	1,796,059-20	195,525,100-40
Oats.....	17,465,366-26	600,147-12		18,065,514-04
Barley.....	18,718,988-06	42,466-32		18,761,454-38
Flaxseed.....	607,191-44	18,813-17		626,005-05
Rye.....	2,856,233-55	150,744-16		3,006,978-15
Canadian Corn (ex vessel).....	18,219-06	19,260-30		81,893-06
	44,413-26			
Buckwheat.....	105-30			105-30
	lbs.	lbs.		lbs.
Mixed Grain.....	4,447,010	749,050		5,196,060
Mixed Feed Oats Groats.....		126,630		126,630
Sample Barley Malt.....	22,766,620			22,766,620
All Screenings.....	7,088,710	15,266,470		22,355,180

FORT WILLIAM-PORT ARTHUR

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	177,132,216-10	618,312-50	2,133,915-10	2,453,082-50	182,337,527-00
Oats.....	14,900,775-02	2,947,256-19		597,646-23	18,445,678-10
Barley.....	17,972,737-46	567,471-08		42,521-22	18,582,730-28
Flaxseed.....	463,316-10	152,800-00		20,247-09	636,363-19
Rye.....	2,411,872-01	40,178-34		150,940-22	2,602,991-01
Buckwheat.....				105-30	105-30
U.S.A. Wheat.....		1,000-00			1,000-00
Canadian Corn.....		47,454-46		19,275-24	66,730-14
U.S.A. Corn.....		5,797-18			5,797-18
Mixed Grain.....	lbs. 267,100	lbs. 2,556,720		lbs. 724,556	lbs. 3,548,376
Mixed Feed Oats Groats.....	356,440	670,000		132,710	1,159,150
Sample Barley Malt	22,766,620			14,799,450	37,566,070
All Screenings.....	172,533,570	46,617,320			219,150,890

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1938-39
AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	pounds
Vancouver and New Westminster.....	47,111,624-10	4,163,697-33	2,758,607-29	852-18	110,113-20	25,447,553
Victoria.....	1,579,922-00	3,159-14				
Prince Rupert.....						
Churchill.....	3,449,875-00	504-14				
Calgary.....	2,848,340-10	73,697-02				
Edmonton.....	3,692,437-00	43,122-02	3,338-36		329-16	5,340
Lethbridge.....	891,283-00	295-30	19-28			
Moose Jaw.....	2,934,065-00	194-04				
Saskatoon.....	2,697,476-10	9,187-02	472-14			13,280

SHIPMENTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	pounds
Vancouver and New Westminster.....	39,944,269-30	4,524,186-27	2,605,217-09	887-33	112,132-39	41,618,683
Victoria.....	1,232,035-40	24,294-04				
Prince Rupert.....						
Churchill.....	916,912-40	106-16				50,008
Calgary.....	1,674,887-00	40,955-00	368-36			2,514,120
Edmonton.....	2,649,848-30	105,907-22	3,231-32		328-22	2,693,740
Lethbridge.....	879,506-10	2,908-14	165-15			645,250
Moose Jaw.....	2,435,453-10	8,722-12				2,962,400
Saskatoon.....	2,150,469-40	17,989-14	471-32			3,728,500

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR 1933-39
AT THE FOLLOWING POINTS:

RECEIPTS

Point	U.S.A. Wheat	U.S.A. Corn	South African Corn
	bush.	bush.	bush.
Vancouver and New Westminster.....	127,442-50	21,342-02	580,136-08

SHIPMENTS

Vancouver and New Westminster.....	121,842-40	20,921-44	760,391-38
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TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1933-1939

Kenora.....	522
Keewatin.....	5,520
Winnipeg.....	13,034
Churchill.....	2,175
Saskatoon.....	5,905
Moose Jaw.....	5,556
Calgary.....	5,113
Edmonton.....	1,036
Medicine Hat.....	2,703
Total.....	41,564

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1933-1939

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	6,788	398	73
Elevators, excluding Lakehead.....	3,268	279	72
Total.....	10,056	677	145

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	4,475	263	49
Elevators, excluding Lakehead.....	1,528	126	35
Total.....	6,003	389	84
Total both roads.....	16,059	1,066	229

TRADE AND COMMERCE

CAR INSPECTION AT WINNIPEG YARDS

	Cars Inspected	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	90,640	4,710	1,381
C.N.R. Yards.....	68,747	1,602	383
Total.....	159,387	6,312	1,764

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	146,592,035-40	Short 29-57
Oats.....	14,109,846-12	Short 25-98
Barley.....	15,801,348-45	Short 38-09
Flaxseed.....	463,316-10	Short 44-51
Rye.....	722,073-15	Short 33-42
Barley Malt.....	22,766,620 lbs.	Short .93 lbs. per 1,000 lbs.
Mixed Feed Oats Groats.....	178-0440 tons	Short 9-72 lbs. per ton
Screenings.....	41,839-1410 tons	Short 2-79 lbs. per ton

AMERICAN PORTS

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	30,184,856-50	Short 27-66
Oats.....	731,253-20	Short 13-17
Barley.....	2,203,245-43	Short 33-54
Rye.....	1,648,576-10	Short 34-11
Screenings.....	41,891-1,290 tons	Short 7-05 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	177,113,985-20	Short 29-19
Oats.....	14,841,099-32	Short 25-35
Barley.....	18,004,594-40	Short 37-53
Flaxseed.....	463,316-10	Short 44-51
Rye.....	2,480,649-25	Short 32-4
Barley Malt.....	22,766,620 lbs.	Short .93 lbs per 1,000 lbs.
Mixed Feed Oats Groats.....	178-0440 tons	Short 9-72 lbs. per ton
Screenings.....	83,731-0700 tons	Short 4-92 lbs. per ton

Wheat U.K./Continent Direct 337,092-50. No outturn reports received.

Rye U.K./Continent Direct 110,000-00. No outturn reports received.

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT., December 12, 1939.

THE BOARD OF GRAIN COMMISSIONERS,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the Canadian Government Elevators for the year 1939.

ELEVATORS OPERATED

The three elevators in the Province of Alberta, located at Calgary, Edmonton and Lethbridge, continued in operation during the entire crop year, and, owing to improved crop conditions in the Province of Saskatchewan, the elevators at Saskatoon, which had been closed for the past year and a half, and Moose Jaw, which had been closed during the month of August, were re-opened on September 1, 1938, for operation under Public Terminal Elevator licences.

The Prince Rupert elevator was not operated during the 1938-39 season, but in view of the large crop requiring the utilization of all available storage facilities, this elevator was opened for operation by this branch under Public Terminal Elevator licence for the crop year 1939-40.

ELEVATOR LEASED

The Port Arthur elevator continues to be operated by McCabe Bros. Grain Co. Ltd., under six year lease entered into in 1938.

CHARGES

The tariff of charges for handling, storing and treating grain was maintained on the same basis as that in effect during the previous season.

GRAIN HANDLED

Improved crop conditions resulted in very material increases in the volume of grain handled at each point, with the exception of Lethbridge, as compared with the business of the previous season. Comparative figures for each elevator for the two years are as follows:

Elevator	1937-38	1938-39	Increase	Decrease
Moose Jaw.....	1,603,040	2,933,256	1,330,216	
Saskatoon.....	Not operating	2,691,924	2,691,924	
Calgary.....	662,691	2,916,001	2,253,310	
Edmonton.....	825,988	3,732,312	2,906,324	
Lethbridge.....	1,405,323	891,029		514,294
	4,407,042	13,164,522	9,181,774	514,294

Present indications are that the handlings during the ensuing season will exceed those of the past year.

Maintenance of buildings, machinery, equipment and trackage has been adequately taken care of as an operating expense, including the following major repairs and replacements.

BUILDINGS

Calgary.—Repairs were made to walls of bins and cupola and waterproofing paint applied to the entire concrete surface of the storage annex.

Roofs of all buildings were repaired where necessary.

Saskatoon.—Roofing over outer bins of the storage annex was removed and replaced with new roofing.

Prince Rupert.—Cracks in bins of storage annex and workhouse were filled and made watertight. Finishing coat over these repairs could not be completed owing to adverse weather conditions. This work will be continued next spring.

EQUIPMENT

Port Arthur.—Equipment and machinery that had been in use since the elevator was constructed was replaced, including—

4 leg belts.

3 conveyor belts.

10 chain drives.

1 screenings separator.

House telephone system.

Moose Jaw.—Replacements of equipment and machinery of the original installation were made as follows:

2 leg belts.

3 chain drives.

1 Motor, for crossbelt drive.

12 new oil casings were installed on chain drives.

Calgary.—Cross conveyor belt replaced.

8 cylinders in cleaning machines replaced.

TRACKAGE

Trackage at all elevators was maintained in good condition involving the following replacements—

Port Arthur.—

1,000 treated track ties.

3,600 tie plates.

Moose Jaw.—

1,000 track ties.

Saskatoon.—

1,630 track ties.

39 switch ties.

Calgary.—

400 treated track ties.

Edmonton.—

1,550 treated track ties.

7 sets treated switch ties.

3,000 tie plates.

15 carloads of ballast.

Lethbridge.—

900 track ties.

121 switch ties.

Prince Rupert.—

450 track ties.

3 sets switch ties.

57 yards ballast.

STAFFS

To take care of the operation of the Prince Rupert elevator, appointments on a temporary basis were made to the following positions:—

1 Accountant, 1 Clerk-Stenographer,

1 Weighman, 1 Electrician.

1 Winchman and Engineer.

Calgary.—

- 1 Permanent employee was retired on account of ill-health and the position was filled by temporary appointment.

Staffs at all points were maintained at the minimum of requirements.

RESULTS OF OPERATION

Not only was the amount of grain handled during the period under review more than three times as much as the previous year, but the average storage period was more than twice as long. The result of this was an increase in revenue of more than \$400,000.00. The surplus of revenue over all expenditures was \$268,349.22, whereas the previous year there was a deficit of \$40,180.36.

As stated earlier in this report, buildings, machinery and equipment were all maintained in good condition, maintenance costs being included in operating expenses, and following the practice of recent years no provision was made for depreciation of plants or equipment.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF CHIEF CHEMIST

WINNIPEG, MAN., December 29, 1939.

The Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following report on the Grain Research Laboratory for the year 1939.

The work of the Laboratory has been similar to that of recent years. Assistance has been given to the Inspection Branch:—in the preparation of tentative standard and export standard samples of hard red spring and durum wheats; by checking the quality of samples of complaint cargoes and dried wheat; by further investigation of the effects of “improperly ripened” kernels and sweet clover taint on the quality of spring wheat; by developing an objective colorimetric method for the quantitative determination of sweet clover taint and a method for the detection of Ceresan-treated wheat; and by inspection and supervision of Brown-Duvel moisture testing equipment. The Laboratory also co-operated in an investigation of temperature variations in one of the grain driers at a government elevator.

Working in co-operation with other laboratories, under the Associate Committee on Grain Research of the National Research Council and the Dominion Department of Agriculture, investigations of the quality of new cereal varieties were continued. The Grain Research Laboratory undertook a large share of the work on spring wheats, all work on durum wheats, and almost all work on oil seeds. A study of the quality of Official Argentine Wheat Standards, 1937-38 crop, was also made for the Associate Committee. Assistance was given to other institutions and government departments by making series of routine determinations of—the carotene content of flour from new hybrid wheats for the University of Alberta; the quality of sunflower varieties for the University of Saskatchewan; the quality of flax samples for the Cereal Division, Central Experimental Farm; the quality of flours bought by the British War Office for the Commercial Intelligence Service, Department of Trade and Commerce; and of the protein content of barley samples submitted by the National Barley Committee. The milling and baking qualities of a number of samples of wheat were also studied at the request of certain farmers in Western Canada.

The Laboratory has continued to collect data on the quality of the more important Canadian grain crops. Information obtained in the fall of 1938 on the current wheat crop was supplemented throughout the remainder of the crop year by determining the protein content of average samples representing inspections, terminal elevator unloads and cargoes. At the end of the crop year, more extensive quality tests were made on composite samples representing all wheat which moved during the crop year. By these means records were created of the quality of spring wheat of different grades at various inspection offices, terminal elevators, and ports, and at monthly intervals throughout the year. Similar but less extensive records were also made of the quality of durum wheat, barley, oats, rye and flax.

Preliminary information on the quality of the 1939 crop of spring wheat, and on the quality of other grains listed above, was obtained by analysis of inspection office averages for the first two months of the 1939-40 crop year. A report on this subject, illustrated with graphs and maps, was given to the Western Committee on Grain Standards, which met in Winnipeg on October 17,

1939. Mimeographed reports on the quality of spring and durum wheats were subsequently released. During the fall months, surveys were made of the protein content of carlots of spring wheat and six-row barley, and of the quality of flax shipments. Mimeographed reports covering these surveys, illustrated with maps and graphs, were widely distributed.

During 1939 the Laboratory submitted 51 reports to the Board, six of which were also released to the public. In addition, the following seven scientific papers were published:—

1. D. S. Binnington, H. Johansson and W. F. Geddes. Quantitative methods for evaluating the quality of macaroni products. *Cereal Chem.* 16: 149-167. 1939.
2. T. R. Aitken and W. F. Geddes. The relation between protein content and strength of gluten-enriched flours. *Cereal Chem.* 16: 223-231. 1939.
3. D. S. Binnington and W. F. Geddes. A rapid method for the determination of wheat and flour pigments. *Cereal Chem.* 16: 252-262. 1939.
4. W. F. Geddes and Nancy B. Milton. The analytical error of the Kjeldahl nitrogen test. *Cereal Chem.* 16: 393-404. 1939.
5. H. Johansson and W. F. Geddes. Nomograms for calculating absorption of the flour and semolina. *Cereal Chem.* 16: 455-459. 1939.
6. W. J. Eva, Nancy Milton and W. F. Geddes. Comparative methods of moisture determination with special reference to the Brabender grinder and oven. *Cereal Chem.* 16: 460-468. 1939.
7. F. H. Lehberg, W. G. McGregor and W. F. Geddes. Flax Studies IV. The physical and chemical characteristics of flaxseed at progressive stages of maturity. *Can. J. Research, C.* 17: 181-194. 1939.

Research is being continued on a number of projects which may be grouped as follows:—Studies looking to the improvement of analytical methods and macro- and micro- tests, used in assessing the quality of cereal grains and oil seeds; and studies relating to the effect of environment on these crops.

In 1939 the principal additions to the equipment of the Laboratory, were a Chopin Alveograph, a Brabender Extensograph (both used for measuring the physical properties of doughs), and further shelving and cabinets designed to facilitate the handling of envelope samples of grain and to house the library more adequately.

During the past fourteen months, the Grain Research Laboratory lost the services of six members of its staff: one retired and five resigned to accept other positions. These members were:—Dr. W. F. Geddes, Chief Chemist; Mr. I. S. Snider, Experimental Miller (retired); Messrs. D. S. Binnington, H. Johansson and L. D. Sibbitt, the complete staff of the durum laboratory; and Miss Nancy Milton, statistical assistant. Most of these who resigned have been replaced and a period of readjustment and rebuilding of the staff is now in progress.

A detailed report on the work of the Grain Research Laboratory is in preparation. In accordance with existing precedent, it is recommended that this report be published separately, with the object of putting on record data on the quality of the more important Canadian grain crops, and accounts of investigations now in progress in the Laboratory.

Respectfully submitted,

J. A. ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR,
SEPTEMBER 1, 1938 TO AUGUST 31, 1939

(a) WINNIPEG—

Revenue—

Licence fees.....	\$	35,404 00	
Registration fees.....	\$	10,074 64	
Cancellation fees.....		9,847 28	
			19,921 92
Inspection fees.....		159,206 80	
Samples sold.....		4,192 13	
Cargo certificates split.....		208 60	
Refund express.....		2,047 75	
Sundries.....		860 00	
			166,515 28
Appeal fees.....			4,557 00
Weighing fees.....		14,289 00	
Condition reports.....		345 00	
			14,634 00
			\$ 241,032 28

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	\$	36,515 00
Secretary's office.....		9,807 17
Licensing and bonding.....		10,704 02

Rents—

Executive office.....		3,475 20
Licensing and bonding.....		1,102 96

Travelling expenses—

Grain Commission.....		6,245 39
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General expenses—

Grain Commission.....		7,518 74
Licensing and bonding.....		526 57

Printing and stationery—

Grain Commission.....		1,749 42
Licensing and bonding.....		1,421 68

79,066 15

Assistant Commissioner's Office—

Salaries.....		8,880 00
Rent.....		568 08
Travelling.....		636 08
General expenses.....		169 83
Printing and stationery.....		16 59

10,270 58

Grain Research Laboratory—

Salaries.....		31,405 06
Rent.....		8,178 80
Travelling expenses.....		1,886 87
General expenses.....		8,033 95
Printing and stationery.....		2,143 97

51,648 65

Registration Branch—

Salaries.....		13,810 00
Rent.....		1,444 96
Travelling expenses.....		
General expenses.....		335 03
Printing and stationery.....		129 42

15,719 41

Accounts—

Salaries.....		4,925 00
Printing and stationery.....		321 96
General expenses.....		278 82

5,525 78

Inspection Branch—

Salaries.....		240,117 83
Rent.....		16,566 40
Travelling Expenses.....		968 74
General.....		15,992 05
Printing and stationery.....		1,174 69

274,819 71

Weighing Branch—

Salaries.....		36,632 83
Rent.....		1,461 44
Travelling expenses.....		9 25
General expenses.....		491 07
Printing and stationery.....		310 70

38,905 29

GRAIN COMMISSION

57

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR ENDED AUGUST 31, 1939—Continued

(a) WINNIPEG—Con.

Expenditure—Con.

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	386 08	
General expenses.....	2,664 50	
Printing and stationery.....	41 20	
	<hr/>	7,471 78

Grain Standards Committee—

Travelling expenses.....	1,262 27	
General expenses.....	1,460 00	
	<hr/>	2,722 27
		\$ 486,149 62

(b) CHURCHILL—

Revenue—

Inspection fees.....	2,090 00	
Weighing fees.....	4,444 00	
	<hr/>	6,534 00

Expenditure—

Inspection Branch—

Salaries.....	1,575 35	
Travelling expenses.....	973 15	
General expenses.....	15 60	
	<hr/>	2,564 10

Weighing Branch—

Salaries.....	3,119 80	
Travelling expenses.....	1,798 20	
	<hr/>	4,918 00
		7,482 10

(c) KEEWATIN—

Revenue—

Inspection fees.....	2,111 00	
Weighing fees.....	5,491 00	
	<hr/>	7,602 00

Expenditure—

Salaries—Inspection.....	2,640 00	
Salaries—Weighing.....	4,920 00	
General expenses.....	41 00	
	<hr/>	4,962 00
		7,602 00

(d) KENORA—

Revenue—Weighing fees.....	615 00
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Expenditure—

Salaries—Weighing.....	615 00
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(e) SASKATOON—

Revenue—

Inspection fees.....	9,902 40	
Samples sold.....	198 59	
Sundries.....	12 00	
	<hr/>	10,112 99
Weighing fees.....	9,553 00	
	<hr/>	19,665 99

Expenditure—

Assistant Commissioners Office—

Salaries.....	\$ 9,120 00	
Travelling expenses.....	374 76	
General expenses.....	97 57	
Printing and stationery.....	8 50	
	<hr/>	\$ 9,600 83

Inspection Branch—

Salaries.....	12,857 46	
Rent.....	877 00	
Travelling expenses.....		
General expenses.....	570 55	
Printing and stationery.....	94 24	
	<hr/>	14,399 25

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1939—*Continued*

(e) SASKATOON—Con.

Expenditure—Con.

Weighing Branch—

Salaries.....	10,016 25		
Travelling expenses.....	64 45		
General expenses.....	5 66		
Printing and stationery.....	5 81		
		10,092 17	
		\$	34,092 25

(f) MOOSE JAW—

Revenue—

Inspection fees.....	8,186 40		
Samples sold.....	120 03		
Sundries.....	33 00		
		8,339 43	
Weighing fees.....		9,018 10	
			17,357 53

Expenditure—

Inspection Branch—

Salaries.....	11,212 47		
Rent.....	900 00		
General expenses.....	639 94		
Printing and stationery.....	29 24		
		12,781 65	

Weighing Branch—

Salaries.....	7,912 39		
Printing and stationery.....	113 75		
General expenses.....	27 80		
		8,053 94	
			20,835 50

(g) MEDICINE HAT—

Revenue—

Inspection fees.....	5,572 80		
Samples sold.....	95 48		
Sundries.....	2 50		
		5,670 78	
Weighing fees.....		4,920 00	
			10,590 78

Expenditure—

Inspection Branch—

Salaries.....	5,210 00		
Rent.....	240 00		
Printing and stationery.....	27 00		
General expenses.....	193 78		
		5,670 78	

Weighing Branch—

Salaries.....		4,920 00	
			10,590 78

(h) LETHBRIDGE—

Revenue—

Inspection fees.....	1,114 20		
Samples sold.....	29 47		
Sundries.....	74 50		
		1,218 17	
Weighing fees.....		1,084 80	
			2,302 97

Expenditure—

Inspection Branch—

Salaries.....	4,236 00		
Travelling expenses.....			
General expenses.....	110 01		
Printing and stationery.....	1 38		
		4,347 39	

Weighing Branch—

Salaries.....	4,136 77		
Travelling expenses.....	404 80		
General expenses.....	5 00		
		4,546 57	
			8,893 90

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1939—*Continued*

(i) CALGARY—

Revenue—

Inspection fees.....	25,130 60	
Samples sold.....	564 55	
Refund express.....	282 00	
Sundries.....	341 50	
	<hr/>	26,318 65
Weighing fees.....		9,000 00
Appeal fees.....		1,821 00
		<hr/>
		37,139 65

Expenditure—

Assistant Commissioners Office—

Salaries.....	8,890 00	
Rent.....	827 96	
Travelling expenses.....	416 47	
General expenses.....	292 48	
Printing and stationery.....	13 25	
	<hr/>	10,440 16

Inspection Branch—

Salaries.....	34,938 62	
Rent.....	3,001 00	
Travelling expenses.....	209 00	
General expenses.....	2,397 77	
Printing and stationery.....	147 37	
	<hr/>	40,693 76

Weighing Branch—

Salaries.....	17,051 61	
Rent.....	314 04	
Travelling expenses.....		
General expenses.....	174 32	
Printing and stationery.....	105 29	
	<hr/>	17,645 26

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	420 00	
Travelling expenses.....		
General expenses.....	1,322 90	
Printing and stationery.....	2 36	
	<hr/>	6,345 22
		<hr/>
		75,124 40

(j) EDMONTON—

Revenue—

Inspection Fees.....	20,273 70	
Samples sold.....	271 34	
Refund express.....	209 50	
Sundries.....	396 00	
	<hr/>	21,150 54
Weighing fees.....		7,291 90
Appeal fees.....		1,137 00
		<hr/>
		\$ 29,579 44

Expenditure—

Inspection Branch—

Salaries.....	42,020 50	
Rent.....	3,774 00	
Travelling expenses.....		
General expenses.....	1,826 92	
Printing and stationery.....	144 05	
	<hr/>	47,765 47

Weighing Branch—

Salaries.....	10,233 33	
Rent.....		
Travelling expenses.....		
General.....	72 38	
Printing and stationery.....	63 88	
	<hr/>	10,369 59

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	552 50	
General expenses.....	837 84	
Printing and stationery.....	1 55	
	<hr/>	5,991 85
		<hr/>
		64,126 91

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1939—*Continued*

(k) VANCOUVER—

Revenue—

Inspection fees.....	49,672 10	
Samples sold.....	1,421 05	
Splits.....	1 00	
Sundries.....	19 50	
	<hr/>	51,113 65
Weighing fees.....		80,996 40
Registration fees.....	2,153 76	
Cancellation fees.....	1,953 20	
	<hr/>	4,111 96
		<hr/>
		136,222 01

Expenditure—

Inspection Branch—

Salaries.....	77,907 22	
Rent.....	4,239 00	
Travelling expenses.....	70 95	
General expenses.....	2,208 35	
Printing and stationery.....	170 65	
	<hr/>	84,596 17

Weighing Branch—

Salaries.....	73,053 93	
Rent.....	1,659 00	
Travelling expenses.....		
General expenses.....	681 84	
Printing and stationery.....	381 52	
	<hr/>	75,776 29

Registration Branch—

Salaries.....	5,725 00	
Rent.....	1,092 00	
General expenses.....	220 52	
Printing and stationery.....	26 52	
	<hr/>	7,064 04

167,436 50

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	235,618 60	
Samples sold.....	3,992 74	
Splits.....	4 80	
	<hr/>	239,616 14
Weighing fees.....		388,308 60
		<hr/>
		627,924 74

Expenditure—

Inspection Branch—

Salaries.....	313,084 82	
Rent.....	12,176 88	
Travelling expenses.....	969 31	
General expenses.....	8,647 68	
Printing and stationery.....	722 88	
	<hr/>	335,601 57

Weighing Branch—

Salaries.....	237,242 40	
Rent.....	2,929 68	
Travelling expenses.....	5,253 31	
General.....	2,124 37	
Printing and stationery.....	1,821 29	
	<hr/>	249,371 05

Assistant Commissioner's Office—

Salaries.....	8,181 79	
Rent.....	540 00	
Travelling expenses.....	311 65	
General expenses.....	217 50	
Printing and stationery.....	3 15	
	<hr/>	9,254 09

Statistical Branch—

Salaries.....	38,925 40	
Rent.....	3,285 00	
Travelling expenses.....	172 60	
General expenses.....	2,195 32	
Printing and stationery.....	2,558 92	
	<hr/>	47,137 24

641,363 95

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1939—Continued

*(m) TORONTO—**Revenue—*

Inspection fees.....	1,392 00		
Sampling fees.....	94 72		
Samples sold.....	29 86		
Spits.....	11 50		
		<u>1,528 08</u>	1,528 08

*Expenditure—**Inspection Branch—*

Salaries.....	4,920 00		
Rent.....	540 00		
Travelling expenses.....			
General expenses.....	421 26		
Printing and stationery.....	75		
		<u>5,882 01</u>	5,882 01

*(n) MONTREAL—**Revenue—*

Inspection fees.....	4,153 09		
Sampling fees.....	3,421 11		
Samples sold.....	128 68		
Splits.....	853 60		
		<u>8,556 48</u>	
Registration fees.....	3,274 95		
Cancellation fees.....	2,857 40		
		<u>6,132 35</u>	
Weighing fees.....		4 00	
			<u>14,692 83</u>

*Expenditure—**Inspection Branch—*

Salaries.....	34,378 93		
Rent.....	1,940 04		
Travelling Expenses.....	747 02		
General Expenses.....	763 27		
Printing and stationery.....	439 70		
		<u>38,268 96</u>	

Registration Branch—

Salaries.....	4,200 00		
Rents.....	420 00		
Travelling expenses.....			
Printing and stationery.....	30 25		
General expenses.....	191 40		
		<u>4,841 65</u>	43,110 61

*(o) CHATHAM—**Revenue—*

Inspection fees.....	1,426 70		
Samples sold.....	23 29		
Sampling fees.....	2,117 00		
		<u>3,566 99</u>	3,566 99

Expenditure—

Salaries.....	3,151 34		
Rents.....	300 00		
Travelling expenses.....	1,352 52		
General expenses.....	417 26		
		<u>5,221 12</u>	5,221 12

*(p) THE PAS—**Revenue—*

Inspection fees.....	2,632 00		
Samples sold.....	24 60		
		<u>2,656 60</u>	2,656 60

Expenditure—

Salaries.....	1,996 31		
Rents.....	100 00		
Travel.....	1,049 70		
General expenses.....	25 11		
		<u>3,171 12</u>	3,171 12

STATEMENT OF REVENUE AND EXPENDITURE FOR CROP YEAR
ENDED AUGUST 31, 1939—*Concluded*

(q) VICTORIA—

Revenue—

Inspection fees.....	1,478 00	
Samples sold.....	50 61	
	<hr/>	1,528 61
Weighing fees.....		2,268 00

3,796 61

Expenditure—

Inspection—

Salaries.....	1,813 92	
Travel.....	214 05	
	<hr/>	2,027 97

Weighing—

Salaries.....	2,278 39	
Travel.....	195 45	
	<hr/>	2,473 84

4,501 81

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Winnipeg.....	166,515 28	14,634 00	4,557 00	19,921 92	35,404 00					241,032 20
Churchill.....	2,090 00	4,444 00								6,534 00
Keewatin.....	2,111 00	5,491 00								7,602 00
Kenora.....		615 00								615 00
Saskatoon.....	10,112 99	9,553 00								19,665 99
Moose Jaw.....	8,339 43	9,018 10								17,357 53
Medicine Hat.....	5,670 78	4,920 00								10,590 78
Lethbridge.....	1,218 17	1,084 80								2,302 97
Calgary.....	26,318 65	9,000 00	1,821 00							37,139 65
Edmonton.....	21,150 54	7,291 90	1,137 00							29,579 44
Vancouver.....	51,113 65	80,996 40								136,222 01
Fort William.....	239,616 14	388,308 60		4,111 96						627,924 74
Toronto.....	1,528 08									1,528 08
Montreal.....	8,556 43	4 00		6,132 35						14,692 83
Chatham.....	3,566 99									3,566 99
The Pas.....	2,656 60									2,656 60
Victoria.....	1,528 61	2,268 00								3,796 61
	552,093 39	537,628 80	7,515 00	30,166 23	35,404 00					1,162,807 42

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES—*Concluded*

Points	Inspection		Weighing		Appeal Boards		Regis- tration		Commis- sion		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.		
Winnipeg.....	274,819	71	38,905	29	7,471	78	15,719	41	89,336	73	.....	.....	5,525	78	51,648	65	2,722	27	486,149	62
Churchill.....	2,564	10	4,918	00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,482	10
Keewatin.....	2,640	00	4,962	00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,602	00
Kenora.....	.....	.....	615	00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saskatoon.....	14,399	25	10,092	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moose Jaw.....	12,781	65	8,053	94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat.....	5,670	78	4,920	00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lethbridge.....	4,347	39	4,546	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary.....	40,693	76	17,645	26	6,345	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton.....	47,765	47	10,369	59	5,991	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vancouver.....	84,596	17	75,776	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort William.....	335,601	57	249,371	05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toronto.....	5,882	01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montreal.....	38,268	96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chatham.....	5,221	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
The Pas.....	3,171	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria.....	2,027	97	2,473	84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	880,451	03	432,649	00	19,808	85	27,625	10	118,631	81	47,137	24	5,525	78	51,648	65	2,722	27	1,586,199	73

Total Expenditure.....\$ 1,586,199 73

Total Revenue.....1,162,807 42

Net Deficit.....\$ 423,392 31

SUMMARY OF OPERATIONS BY BRANCHES

REVENUE

Points	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fees.....	529,960 39	537,263 80	7,515 00	30,166 23	35,404 00					1,140,329 42
Sampling.....	5,632 83									5,632 83
Express charges.....	2,539 25									2,539 25
Cargo splits.....	1,079 50									1,079 50
Samples sold.....	11,142 42									11,142 42
Condition reports.....		345 00								345 00
Sundries.....	1,739 00									1,739 00
	552,093 39	537,628 80	7,515 00	30,166 23	35,404 00					1,162,807 42

EXPENDITURE

Salaries.....	792,060 77	412,133 70	13,579 92	23,735 00	92,097 98	38,925 40	4,925 00	31,405 06		1,408,862 83
Rents.....	44,654 32	6,364 16	1,358 58	2,956 96	6,514 20	3,285 00		8,178 80		73,312 02
Travel.....	6,554 44	7,725 46			7,984 35	172 60		1,886 87		25,585 99
Expenses.....	34,229 55	3,623 44	4,825 24	746 95	8,822 69	2,195 82	278 82	8,033 95	1,262 27	64,215 96
Printing and stationery.....	2,951 95	2,802 24	45 11	186 19	3,212 59	2,558 92	321 96	2,143 97		14,222 93
	880,451 03	432,649 00	19,808 85	27,625 10	118,631 81	47,137 24	5,525 78	51,648 65	2,722 27	1,586,199 73

Net Deficit.....\$ 423,392 31

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1939 Regulations Nos. 36, 37, 38, 39, 40, 41 and 42 were completely revised and reissued, and new regulations Nos. 48, 49, 50 and 51 necessitated by amendments to The Canada Grain Act were issued.

The Regulations of the Board in effect at December 31, 1939, are as follows:—

- No. 1. Registration and Cancellation of Terminal Warehouse Receipts.
4. Inspection of Samples taken other than at an Inspection Point.
8. Inspection and Grading of Grain after Treatment.
11. Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals as amended.
14. Construction of Elevators.
21. Cleaning Grain and Bins.
22. Fees.
23. Form of Terminal Warehouse Receipt.
35. Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
36. Delivery of Grain to Ocean vessels at Montreal.
37. Maximum Tariff of Charges and Shrinkage Allowances for licensed country elevators.
38. Maximum Tariff of Charges, Terminal Elevators at Fort William-Port Arthur and Winnipeg.
39. Maximum Tariff of Charges, Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
40. Maximum Tariff of Charges, Terminal Elevators West of Calgary.
41. Maximum Tariff of Charges at the Terminal Elevator at Churchill, Man.
42. Maximum Tariff of Charges for handling grain at Eastern Elevators.
43. Procedure—Country Elevators.
44. Drying of Grain.
45. Records, Reports and Returns.
46. Receipt for grain delivered to Private Country Elevators and Mill Elevators.
47. Inspection of grain at The Pas, Manitoba.
48. Names and Definitions of "Off Grades" for Western Grain.
49. Names and Definitions of "Off Grades" for Eastern Grain.
50. Names and Definitions of Grades for Screenings.
51. Receipt of Wheat into licensed Country Elevators from Railway Cars.

DA 12

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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
L. D. WILGRESS

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1940



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1941

Price, 25 cents



TABLE OF CONTENTS

REPORT OF BOARD:		PAGE
General Conditions.....		5
Storage Problems.....		5
Car Distribution.....		5-6
Canadian Government Elevators.....		6
Weighovers in Terminal Elevators.....		6
Tariff Meetings.....		6
Grading Difficulties.....		6
Assistant Commissioners.....		6
Prosecutions.....		7
Committees on Grain Standards.....		7
Wheat Bonus.....		7
The Prairie Farm Assistance Act 1939.....		7
Expenditures and Revenues.....		7
 APPENDICES:		
No. 1—Report of Secretary.....		8-35
(a) Complaints.....		8-9
(b) Prosecutions.....		9
(c) Defaults.....		9
(d) Cars Out of Turn.....		9
(e) Receipt of Wheat into Country Elevators from Railways Cars.....		9
(f) Report of Licence and Bonding Branch.....		10-11
(g) Summary of Licences Past Twenty Years.....		12
(h) Grain Loading Platforms.....		13
(i) Prairie Farm Assistance Act—One Per cent Levy.....		13
(j) Report of Statistician.....		13-31
(k) Annual Weighup, Terminal Elevators.....		32-35
No. 2—Personnel—Committees on Grain Standards.....		36
3—Personnel—Grain Appeal Tribunal.....		37
4—Report of Registrar.....		38-39
5—Report of Chief Grain Inspector.....		39-47
6—Report of Chief Grain Weighmaster.....		48-52
7—Report of General Manager, Canadian Government Elevators.....		52-54
8—Report of Chief Chemist.....		55-56
9—Report of Revenue and Expenditure.....		57-66
10—Regulations of the Board.....		67

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MAN., January 20, 1941.

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR.—We beg to present herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1940, in conformity with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions continued good in the year 1940. Marketing difficulties, however, have increased the work of handling this heavy crop and there is much more grain than usual still in farmers' hands.

STORAGE PROBLEMS

The final estimate by the Department of Statistics for the wheat crop of 1939 in western Canada placed it at (494,000,000) bushels. Partly as a result of this large crop and partly on account of the outbreak of war in Europe, the carryover as of August 1, 1940, amounted to 300,741,062 bushels. When the crop of 1940 proved to be of the same order of magnitude as that of 1939 it became obvious that a difficult storage problem would arise. To meet the situation as far as possible elevator operators built temporary annexes and the Board authorized the use under licence as special annexes of other buildings suitable for storing grain. These measures gave a total storage capacity in the western division as follows: elevators proper and permanent annexes 351,352,570 bushels; temporary annexes 76,312,150 bushels; special annexes 5,000,491 bushels. In the eastern division licensed storage capacity amounts to 84,363,000 bushels. This made a total licensed capacity in Canada as at December 31, 1940, of 516,929,011 bushels. This amount of storage space has not, however, proved sufficient to enable producers to deliver their grain as freely as in other years. Total wheat deliveries between August 1, 1940, and December 27, 1940, amounted to 280,900,000 bushels compared with 367,700,000 bushels in the corresponding period last year.

CAR DISTRIBUTION

As a result of the congestion at the terminals it became necessary to apportion cars between the different elevator operators in the country. A car control committee to work in conjunction with the Transport Comptroller for Canada was established on August 14. This committee, under the chairmanship of Commissioner MacGibbon, apportioned cars on the basis of the permanent capacity of the different elevators at local shipping points. The Committee functioned satisfactorily.

Apart from shipments to Canadian terminals certain elevator operators arranged for terminal storage at Duluth. This gave some further relief to the situation. Canadian wheat in store at Duluth, December 27, 1940, amounted to 11,738,447 bushels. This movement necessitated the Board placing officers of the inspection department at Duluth to grade the grain on its receipt there.

CANADIAN GOVERNMENT ELEVATORS

All of the elevators have had a large handling this year and are at present filled to capacity.

WEIGHOVERS IN TERMINAL ELEVATORS

The weighing over of the stocks of wheat and other grain in terminal elevators has been carried out this year with considerable difficulty due to the heavy stocks in store. In two elevators it was found necessary to estimate stocks in certain bins. In these instances an additional bond was required from the operators.

Following the 1939 amendments to the Canada Grain Act, for the first time a complete weighover of the stocks in store in eastern elevators was carried out. This operation entailed considerable additional work for the weighing and inspection branches of the Board.

TARIFF MEETINGS

The usual public meetings to hear representations on the matter of the tariff of elevator charges for the crop year 1940-41 were held by the Board at Winnipeg, Vancouver and Toronto in June and July. Having in mind the additional revenues accruing to the elevator companies in the western division due to the heavy carryover, the Board, after a careful investigation, reduced the maximum charges for storage effective August 1, 1940. The maximum storage rate at terminal elevators at Fort William-Port Arthur and Winnipeg is now 1/45 of one cent per bushel per day instead of 1/30. At terminal elevators west of Calgary the maximum rate was reduced from 1/30 of one cent per bushel per day to 1/60 of one cent per bushel per day.

GRADING DIFFICULTIES

Although the crop of 1940 has proved to be of very high quality, in a few districts grading difficulties, due either to immaturity in the kernels or to a tendency of the wheat to split or chip, developed. To explain the situation, public meetings were held at Vulcan, Alberta, and La Fleche, Saskatchewan. The Assistant Commissioners visited other points affected and steps were also taken by the issuing of circulars and by radio announcements to ensure that the producers were fully informed of the special factors tending to affect the grading of wheat in certain districts.

It should be pointed out in connection with broken wheat that it has been fairly conclusively proven that the chief factor in this difficulty comes from maladjustment in the harvesting machinery. In view of the fact that the statute definitely debars damaged wheat from certain grades, irremovable broken wheat has been degraded although the Board has ameliorated the condition in every degree that it could properly do so.

ASSISTANT COMMISSIONERS

The handling of two large crops in succession has greatly increased the work of the Assistant Commissioners. In addition to their usual duties they have visited many points in each province to inspect and report on the condition of buildings desired to be used as special annexes. In this connection their work has been of great value to the Board.

PROSECUTIONS

With the shortage of storage space at local shipping points great watchfulness has had to be exercised to prevent discrimination in handling farmers' grain. In one instance the Board prosecuted the agent of a country elevator company for failing to receive grain in the order in which it was offered. A conviction was obtained and the agent fined.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1940-41 were constituted by the Board in accordance with Section Twenty-five of the Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 17, 1940, and the Eastern Committee at Toronto on November 6, 1940, and at Montreal on November 7, 1940.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Seventy-two Dollars and Ninety Cents (\$72.90) were redeemed during the past year. Outstanding certificates still remain to the amount of Eight Thousand, Three Hundred and Thirty-Seven Dollars and Thirty-three Cents (\$8,337.33).

THE PRAIRIE FARM ASSISTANCE ACT, 1939

Arising out of the Prairie Farm Assistance Act, 1939, the Board were authorized to collect one per cent (1%) of the net value of grain marketed in the three western provinces. Arrangements were made for this with the elevator companies and other licensees, and the Board received for 1939-40 the sum of Two Million, Four Hundred and Twenty-one Thousand, Five Hundred and Seven Dollars and Thirty-seven Cents (\$2,421,507.37). Returns for the first four months in the current crop year are \$1,297,301.50.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1939-40 was \$1,624,522.31 compared with \$1,566,331.68 for the previous fiscal year. Revenue for the fiscal year 1939-40 was \$1,198,559.35 compared with \$987,026.75 for the previous fiscal year, an increase of \$211,532.60.

For the first nine months of the current fiscal year the total expenditure was \$54,643.42 less than in the corresponding period in the previous fiscal year, and the revenue for the same period shows a decrease of approximately \$258,000.00 over the same period last year.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

E. B. RAMSAY,
Chief Commissioner.

D. A. MACGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1
REPORT OF THE SECRETARY

WINNIPEG, MANITOBA, January 20, 1941.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR;—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the Year 1940:—

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars Out of Turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Licences issued, Crop Year 1939–40.
- (g) Licences issued during past 20 years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One per cent levy.
- (j) Report of Statistician.
- (k) Annual Weighover, Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1940, there were investigated by the Board eighty-seven (87) complaints, together with nine (9) outstanding at December 31, 1939, regarding the handling of grain at Country Elevators, shipments to Terminal Elevators and the operations of Licensees under the Canada Grain Act as follows:—

Manitoba.....	13
Saskatchewan.....	32
Alberta.....	42
Outstanding at December 31, 1939.....	9
	96

Summary of Disposition of Country Complaints:—

No grounds for complaint.....	43
Complaint withdrawn.....	9
Settlement effected between parties.....	30
Outside jurisdiction of Board.....	7
Settlement ordered.....	1
Not yet disposed of.....	5
Prosecution proceedings instituted.....	1
	96

MISCELLANEOUS COMPLAINTS

During the year under review one complaint under this heading was received but upon investigation was found to be outside the jurisdiction of the Board.

EXPORT SHIPMENTS

During the year 1940 fourteen (14) complaints, ten (10) in regard to shortages and four (4) in regard to quality, were received in respect to overseas shipments. These, together with two (2) complaints outstanding at December 31, 1939, were investigated and disposed of as follows:—

Complaints <i>re</i> shortage of weight not upheld.....	9
Complaints <i>re</i> quality of grain not upheld.....	3
Complaint withdrawn.....	1
Outside jurisdiction of Board.....	2
Not yet disposed of.....	1
	<hr/> 16

(b) PROSECUTIONS

In the prosecution for an infraction of Section 109 of the Canada Grain Act instituted as a result of a country complaint received in 1939, the defendant pleaded guilty and was fined five dollars and costs.

One other prosecution was instituted during the year for a breach of the provisions of Section 108 of the Canada Grain Act. The defendant pleaded guilty and was fined five dollars and costs.

(c) DEFAULTS

During the year 1940 there was one case of default by a licensee. Five claims totalling \$3,754.73, were filed with the Board and after investigation these were settled in full from the proceeds of security filed with the Board by the licensee.

(d) CARS OUT OF TURN

Cars out of turn for shipment of wheat from country elevators were ordered by the Board under the provisions of Section 68 of the Canada Grain Act in 1940 as follows:—

Grain out of condition or in danger of going out of condition.....	157
Elevators in danger of collapse.....	311

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Owing to lack of storage space in Terminal Elevators, the Board, under the provisions of Section 107*a* of the Canada Grain Act 1930, amended 1939, during the period August 1 to December 31, 1940, authorized the receipt of wheat from railway cars into country elevators for the conservation of storage in a total of 4,165 carloads. These shipments were made from districts of heavy crops to districts where lighter crops were harvested.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR:—I have the honour to submit the following summary of Licensing and Bonding for the season of 1939–40.

During the season which commenced on August 1, 1939 and ended on July 31, 1940 one hundred and fifty-nine (159) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Five thousand, nine hundred and ninety-eight (5,998) applications for licences were received and five thousand eight hundred and fifty-six (5,856) licences were issued. Thirty-six (36) licences were transferred and one hundred and six (106) applications were withdrawn for various reasons.

At December 1, 1939, there were 5,798 buildings classed as elevators under the provisions of The Canada Grain Act, 5,768 in the Western Division and 30 in the Eastern Division; of these 5,738 were operated under licence during the crop year 1939–40.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	37	1	36	0
Commission Merchants.....	45	2	43	0
Grain Dealers.....	24	0	24	0
Public Terminal Elevators.....	6	0	6	0
Semi-Public Terminal Elevators.....	39	1	38	0
Private Terminal Elevators.....	14	1	13	0
Eastern Elevators.....	30	0	30	0
Mill Elevators.....	38	0	38	0
Private Country Elevators.....	6	0	6	0
Public Country Elevators.....	5,722	100	5,622	0
Transfer—Public Country Elevators.....	37	1	0	36
	5,998	106	5,856	36

Grain Dealers licence numbered 46, which was issued on September 15, 1939 to William Huddleston of Red Deer, Alberta, was suspended by the Board at the request of the licensee on December 31, 1939.

The following licences, which were issued at the commencement of the season to the undernoted firms, were cancelled by order of the Board on the dates shown:—

<i>Private Terminal Elevator Licence No. 46</i>	Buckerfield's Limited; 520,000 bushel elevator at Vancouver, B.C.; cancelled September 1, 1939 and Mill Elevator licence granted.
<i>Private Terminal Elevator Licence No. 49</i>	Brackman-Ker Milling Company Limited; 90,000 bushel elevator at New Westminster, B.C.; Cancelled September 1, 1939 and Mill Elevator Licence granted.
<i>Private Terminal Elevator Licence No. 51</i>	Gillespie Grain Company Limited; 50,000 bushel elevator at Edmonton, Alberta; Cancelled December 9, 1939 and Semi-Public Terminal Elevator licence granted.

<i>Mill Elevator Licence No. 49</i>	Robin Hood Flour Mills Limited; 40,000 bushel elevator at Factoria, Saskatchewan; Cancelled April 25, 1940; elevator dismantled.
<i>Eastern Elevator Licence No. 35</i>	Ogilvie Flour Mills Co. Limited; 625,000 bushel elevator at Montreal, Quebec; Cancelled March 19, 1940; Elevator not handling export or public grain.
<i>Public Country Elevator Licence No. 88</i>	Robin Hood Flour Mills Limited; 40,000 bushel elevator at Factoria, Saskatchewan; Cancelled Sept. 15, 1939 and Mill Elevator licence granted.
<i>Public Country Elevator Licence No. 1957</i>	Gillespie Grain Company Limited; 80,000 bushel elevator at Edmonton, Alberta; Cancelled December 9, 1939. This elevator thereafter operated under Semi-Public Terminal Elevator licence.
<i>Grain Dealers Licence No. 43</i>	Isaac Pogocho, of Winnipeg, Manitoba; Cancelled January 5, 1940. Ceased to operate as a Grain Dealer.
<i>Grain Dealers Licence No. 45</i>	Willard Cumming and Company; Cancelled June 14, 1940; Licensee in default.

Licence fees collected amounted to \$31,622.00, of this amount \$616.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$25,281,264.50 were executed by twelve (12) of the approved surety companies and were deposited with the Board as security covering the operations of the licensees; in addition four (4) licensees deposited negotiable Government bonds with a par value of \$16,300.00 in lieu of furnishing the usual forms of Surety bonds.

There has been no increase or reduction of the regular staff of this Branch but it was necessary to employ temporary assistance for a longer period than customary owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full time year round services of one of the employees of this Branch.

Yours respectfully,

C. F. SPITTLE,
Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1923-24 to 1939-40

Kind	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1926- 1927	1925- 1926	1924- 1925	1923- 1924	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	4,314	4,236	4,074	4,054	3,577	1,972	1,099
Private Country Elevators.....	6	7	13	11	12	13	14	9	12	355	398	309	156	35						
Public Terminal Elevators.....	6	5	3	6	6	7	7	9	10	8	11	10	11	14	21	11	9	17		
Semi-Public Terminal Elevators...	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)									
Private Terminal Elevators.....	13	38	40	39	36	37	37	38	37	40	*76	*80	*80	*67	*64	*63	*60	*20	**34	**10
Eastern Elevators.....	30	29	29	29	31	31	30	29	28	29	†20	†20	†18	†17	†17	†11	†10	†18		
Mill Elevators.....	38	15	17	15	19	19	21	22	26	25	†27	†18	†16	†10	†10	†12	†11			
Elevator Space.....											1	1	1	3	3	2	2	7	58	
Track Buyers.....	36	38	40	40	41	46	51	64	57	48	62	82	84	88	95	104	109	156	123	
Commission Merchants.....	43	47	47	48	51	56	61	63	64	57	71	90	92	95	94	94	102	126	84	
Grain Dealers.....	24	23	19	17	24	25	20	15	75	3	3	2	3	3	3	3	4			
Total number issued.....	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	4,646	4,543	4,374	4,361	3,921	2,271	1,109

* Licensed as Private Elevators. † Licensed as Public Elevators. ‡ Licensed as Manufacturing Elevators. ** Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1940 one application for the building of a loading platform under Section Sixty of the Canada Grain Act was received. The Board, after investigation, required the railway company concerned to proceed with the construction of this platform.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	618	1,688
Saskatchewan.....	1,289	2,978
Alberta.....	737	1,511
British Columbia.....	35	66
Ontario.....	10	21
Total as at December 3, 1940.....	2,689	6,264

(i) THE PRAIRIE FARM ASSISTANCE ACT 1939
ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period
August 1, 1939 to July 31, 1940

—	Wheat		Oats		Barley		Rye		Total Levy
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
Manitoba.....	51,599,774	278,612 21	3,604,101	9,051 22	12,612,311	41,167 11	1,086,190	4,622 59	333,453 13
Saskatchewan..	237,869,427	1,264,354 08	18,192,438	43,017 16	6,852,194	21,917 74	3,482,783	14,919 25	1,344,208 23
Alberta.....	134,434,100	691,104 69	14,722,867	34,061 79	4,529,624	14,295 86	829,521	3,652 82	743,115 16
Total.....	423,903,301	\$2,234,070 98	36,519,406	\$86,130 17	23,994,129	\$77,380 71	5,398,494	\$23,194 66	\$2,420,776 52
Mixed Grain, Alberta.....									6 45
Adjustments not allocated.....									724 40
									\$2,421,507 37

(j) ANNUAL REPORT OF STATISTICIAN

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR.—I beg to submit the following report for the Crop Year 1939–40, which ended July 31, 1940.

The problem of storage space for the grain crops of Western Canada began to develop in the closing months of Crop Season 1939–40, when, in July 1940, it became apparent that a big harvest would be reaped. Markets had been found at home and abroad for only about 50 per cent of the available supply of wheat, and elevators finished the year with a large percentage of their storage space in use.

Starting off the season on August 1, 1939, with a carryover of 102.9 million bushels of wheat, of which only 4.7 million bushels were still on farms, the new crop harvested in the succeeding three months proved to be the second largest in the history of the Dominion, the total exceeding 520,000,000 bushels.

As the occupation of European countries by Germany proceeded, markets for Canadian wheat dwindled and stock in Canada continued to accumulate until, at the close of the Crop Year on July 31, 1940, there remained a surplus of 300,632,378 bushels, the largest stock of Canadian wheat ever held at the close of a Crop Year.

The location of wheat stocks carried over at the beginning of the season and the high tide reached on July 31, 1940, is shown in detail in the following table:

CANADIAN WHEAT CARRYOVER

	In Bushels	
	Aug. 1, 1939	July 31, 1940
On Farms.....	4,682 000	17,286,000
Country, Private and Mill Elevators and Mills in Western Division.....	16,862,895	63,966,921
Terminal Elevators in Western Division.....	26,035,239	114,156,031
Eastern Elevators and Afloat.....	41,135,051	61,775,302
Flour Mills (Eastern).....	1,104,541	*1,141,887
In Transit.....	4,812,222	14,760,704
In United States.....	8,278,905	†27,545,533
	102,910,853	300,632,378

* Revised. † Includes wheat in lake transit billed to U.S.A. ports.

There was a marked increase in the use of United States storage facilities during the year, not only because the storage was needed, but because there was no longer restriction on the export of Canadian wheat through United States ports previously imposed by the preferential duties under the Ottawa agreement of 1932.

FARMERS' DELIVERIES

Deliveries of wheat from farms in Western Canada were about 48 per cent greater than in Season 1938-39. Receipts at country elevators alone totalled 418,000,000 bushels, while loadings over platforms and deliveries direct to interior private and mill elevators brought the total of primary receipts up to 430,000,000 bushels. Details of marketings by provinces are found in the following table, while marketings of coarse grains will be found in other statistical data embodied in this report.

WHEAT DELIVERED BY FARMERS

	Manitoba	Saskatchewan	Alberta and British Columbia	Total
	bush.	bush.	bush.	bush.
Delivered to country elevators.....	46,354,889	237,893,902	131,732,058	415,980,849
Delivered to interior private and mill elevators (street grain receipts).....	617,257	756,240	1,315,901	2,689,398
Loaded over platforms.....	5,237,174	724,118	3,338,377	9,299,669
Totals.....	52,209,320	239,374,260	136,386,336	427,969,916

At the close of the season on July 31, 1940, it was estimated that farmers in the western provinces still had on hand approximately 14,250,000 bushels of wheat.

PRICE MOVEMENT

The price of No. 1 Northern wheat had a range of $40\frac{1}{2}$ cents per bushel during the Crop Year. The low point of $51\frac{1}{4}$ cents per bushel was reached in the Winnipeg Market on August 12, 1939, just prior to the outbreak of the European War, while the top price of $90\frac{3}{4}$ cents was recorded on April 24, 1940.

The Crop Year average price of No. 1 Northern Wheat, basis in store Fort William-Port Arthur, was $76\frac{1}{2}$ cents per bushel. Compared with the average for Season 1938-39 this was an improvement of $14\frac{1}{2}$ cents per bushel.

A basic price of 70 cents per bushel was paid by the Canadian Wheat Board for No. 1 Northern Wheat, in store Fort William-Port Arthur.

EXPORT CLEARANCES

The volume of export business enjoyed by Canadian wheat and other grains was not unsatisfactory under the circumstances, and this was due in large measure, in the case of wheat, to the large proportion of Manitobas used in the mix by British mills.

Of a total of 152.7 million bushels of wheat exported overseas, the United Kingdom took 113.2 million bushels or 74 per cent. If wheat-flour sales and U.S.A. imports are added, the total volume of Canadian wheat and wheat-flour exports was 192.7 million bushels, and of this amount 132.6 million bushels or 68.8 per cent was shipped to the United Kingdom.

Wheat-flour exports were the best since 1928-29, and made a healthy contribution to the season's export movement. They totalled 6,781,367 barrels of 196 lbs., the equivalent of 30.5 million bushels of wheat.

About thirty countries bought Canadian wheat during the crop year, but the list steadily declined as the year progressed, and in June, 1940, less than a dozen customers remained. Of the countries of Continental Europe only Portugal bought Canadian wheat in the closing months of the Crop Year.

The following table shows the distribution of 152.7 million bushels of Canadian wheat exported overseas and comparative figures for the previous Crop Year:

PERCENTAGE OF WHEAT EXPORTS

	1939-40	1938-39
To United Kingdom.....	74.15	59.03
Eire.....	2.39	3.46
Continental Europe.....	22.28	35.22
Ex. Europe.....	1.18	2.29
	<u>100.00</u>	<u>100.00</u>

The United States proved to be Canada's second best customer during Season 1939-40. Wheat imported for milling in bond and wheat and wheat-flour imported for domestic use totalled 9.2 million bushels, and represented 5.3 per cent of Canada's total exports.

FREIGHT RATES

Ocean freight rates during the year were a very uncertain quantity. No rates were quoted for ships of British registry, all of which were sailing under Admiralty orders, while quotations for neutral tonnage in many cases were purely nominal.

Rates prevailing for wheat movement on the Great Lakes steadily advanced after the outbreak of war. The weighted average for each month of navigation falling within the Crop Year is shown in the following table:

WEIGHTED MONTHLY AVERAGE RATE FOR WHEAT

Fort Wm.-Port Arthur to St. Lawrence Ports	1939				1940			
	Aug.	Sept.	Oct.	Nov.	April	May	June	July
Cents per bushel.....	3·847	4·445	5·354	5·151	7·0	7·0	6·874	6·783

GENERAL

In accordance with the Inland Water Freight Rates Act, 1923, as amended, copies of charter confirmations have been filed by shippers, and from these the weighted averages have been compiled.

Insurance on grain stored in public and semi-public elevators has received the attention of this Branch to ensure compliance with Section 102 of the Canada Grain Act.

Statements in connection with the official weigh-over of grain prescribed in Section 138, Canada Grain Act, were prepared and submitted to the Board. Summaries of the results of such weigh-overs are appended.

A number of statistical tables compiled from returns made by elevator licensees, the Inspection and Weighing Branches of the Board, and other official sources are also attached. In this connection, it must again be noted that this Branch has received excellent co-operation from all sources, and especially from Corn Exchanges and Chambers of Commerce at United States ports, whose generous assistance has brought about a very considerable improvement in our statistical records.

Respectfully submitted,
E. A. URSELL,
Statistician.

CROPS AND CARRYOVER 1939-40

—	Carryover July 31, 1939	1939 crop *All Canada	Total disposed of during year	Carryover July 31, 1940
	bush.	bush.	bush.	bush.
Wheat.....	102,910,853	520,623,000	322,901,475	300,632,378
Oats.....	48,887,155	334,407,000	386,534,454	46,759,701
Barley.....	12,804,186	103,147,000	103,292,279	12,658,907
Flaxseed.....	118,822	2,169,000	1,704,515	583,307
Rye.....	2,921,434	15,307,000	12,896,729	5,331,705

PRODUCTION IN WESTERN CANADA IN 1939

—	Wheat	Oats	Barley	*Flaxseed	Rye.
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	61,300,000	34,500,000	28,000,000	525,000	2,000,000
Saskatchewan.....	271,300,000	112,000,000	26,000,000	1,200,000	9,300,000
Alberta.....	161,400,000	85,000,000	27,000,000	350,000	2,400,000
Total.....	494,000,000	231,500,000	81,000,000	2,075,000	13,700,000

* Subject to slight revision.

DELIVERIES FROM FARMS IN WESTERN CANADA

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
<i>To Country Elevators—</i>					
Manitoba.....	46,354,889	3,419,506	11,033,931	334,695	957,852
Saskatchewan.....	237,893,902	17,667,616	6,859,914	1,060,484	3,454,924
Alberta.....	131,732,058	13,236,252	3,944,157	194,829	802,294
Total.....	415,980,849	34,323,374	21,838,002	1,590,008	5,215,070
<i>To Mill Elevators—</i>					
Manitoba.....	617,257	332,163	42,762	118,405	.....
Saskatchewan.....	756,240	41,653	49,172	1,471	4,401
Alberta.....	1,315,901	553,943	35,907	18,478	10,084
Total.....	2,689,398	927,759	127,841	138,354	14,485

—	Wheat	Other Grains	Total
	bush.	bush.	bush.
<i>Over Loading Platforms—</i>			
Manitoba.....	5,237,174	1,611,479	6,848,653
Saskatchewan.....	724,118	374,623	1,098,741
Alberta.....	3,338,377	1,547,518	4,885,895
Total.....	9,299,669	3,533,620	12,833,289

Grand Total Wheat Deliveries 427,969,916 (Breakdown of coarse grains loaded over platforms is not available).

TOTAL GRAIN INSPECTED, BY PROVINCES OF ORIGIN

Provinces	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	61,556,000	6,457,000	13,230,000	514,250	1,500,000
Saskatchewan.....	201,196,000	14,100,000	5,213,000	659,630	2,793,800
Alberta.....	107,715,000	12,848,000	3,520,280	187,050	734,530
British Columbia.....	1,606,000	249,000	1,720	1,320	1,570
Total.....	372,073,000	33,654,000	21,965,000	1,362,250	5,029,900

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	290,145,267	21,560,819	17,174,043	1,025,813	4,874,439
Shipments.....	227,250,240	24,389,795	17,156,457	863,929	5,428,815
<i>Vancouver-New Westminster—</i>					
Receipts.....	20,196,848	622,350	343,444	1,076	120,153
Shipments.....	11,279,235	871,503	376,066	1,156	116,468
<i>Victoria, B.C.—</i>					
Receipts.....	658,461	133			
Shipments.....	362,999	7,499			
<i>Prince Rupert, B.C.—</i>					
Receipts.....	1,136,107				
Shipments.....	58	10,538			
<i>Churchill, Man.—</i>					
Receipts.....	1,801,662				
Shipments.....	1,772,460				

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	2,717,387	208,315	1,886		1,152
Edmonton.....	4,618,677	10,634	3,310		
Lethbridge.....	1,478,591	1,877	81	2,380	
Moose Jaw.....	6,245,560	9,898			
Saskatoon.....	5,955,003	9,154			531
Total.....	21,015,218	239,878	5,277	2,380	1,683
<i>Shipments—</i>					
Calgary.....	3,006,078	245,850	1,886		1,152
Edmonton.....	4,215,029	61,182	2,640		
Lethbridge.....	459,259	8,113	81	2,378	
Moose Jaw.....	1,400,492	24,541			
Saskatoon.....	1,268,227	59,041			531
Total.....	10,349,085	398,727	4,607	2,378	1,683

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	2,731,877		159,880		
Shipments.....			179,880		

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAINS

—	Wheat	Oats	Barley	Flaxseed	Rye	Corn
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	147,248,746	12,689,314	10,526,080	656,861	1,507,924	562,334
Shipments.....	125,113,173	14,914,393	10,904,568	598,515	1,270,571	535,252
—				Buckwheat	Mixed Grains	Soya Beans
				bush.	bush.	bush.
Receipts.....				118,072	.....	9,785
Shipments.....				110,053	7,444	9,323

UNITED STATES GRAINS

—	Wheat	Oats	Barley	Rye	Corn	Soya Beans
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	2,115,256	495,388	.....	.....	23,793,198	3,609,597
Shipments.....	2,496,684	524,546	13,926	.....	23,464,421	3,673,386
—		Australian Grain		South African Grain	Argentine Grain	
		Wheat	Corn	Corn	Flaxseed	Corn
		bush.	bush.	bush.	bush.	bush.
Receipts.....		281,673	.....	4,401,093	785,170	1,163,347
Shipments.....		281,673	30,274	4,471,190	838,226	376,265

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTION CHANNELS)

—	U.S.A. Wheat	U.S.A. Oats	U.S.A. Corn	U.S.A. Beans
	bush.	bush.	bush.	bush.
Via Eastern elevators.....	72,897	175	2,525,319	123,253
Fort William-Port Arthur.....	.....	.....	4,360	.....
Interior private terminals.....	.....	.....	12,488	.....
Pacific coast elevators.....	22,146	.....	.....	.....
Total.....	95,043	175	2,542,167	123,253
—	Australian Corn	South African Corn	Argentine Corn	Argentine Flaxseed
	bush.	bush.	bush.	bush.
Via Eastern elevators.....	30,274	4,471,190	376,159	838,226
Interior private terminals.....	.....	606,488	.....	.....
Pacific coast elevators.....	.....	.....	.....	.....
Total.....	30,274	5,077,678	376,159	838,226

EXPORT CLEARANCES OF CANADIAN GRAIN VIA U.S.A. ATLANTIC SEABOARD PORTS
CROP YEAR 1939-40 (ended July 31)

Week ending Thursday Date	Wheat (except Durum)	Durum Wheat	All Wheat	Oats	Barley	Rye
	bush.	bush.	bush.	bush.	bush.	bush.
1939						
Aug. 1-3.....		129,497	129,497			
10.....	315,444	51,355	366,799			
17.....	162,947	28,230	191,177			
24.....	82,391	106,266	188,657			51,429
31.....	38,320	26,665	64,985			
Sept. 7.....	432,487	16,000	448,487			
14.....	746,311		746,311			
21.....	552,495	24,372	576,867		29,920	34,286
28.....	1,621,768	300,645	1,922,413		434,144	154,279
Oct. 5.....	1,125,817	286,394	1,412,211		347,522	111,416
12.....	666,764		666,764		294,564	335,000
19.....	325,293	317,330	642,623		59,886	17,111
26.....	285,877	60,000	345,877		265,689	
Nov. 2.....	382,771		382,771		149,658	60,000
9.....	471,924	103,200	575,124	175,000	49,985	137,428
16.....	624,092	41,467	665,559	244,810	395,454	250,569
23.....	841,620	16,136	857,756		55,271	126,846
30.....	1,006,139	12,000	1,018,139		59,948	108,853
Dec. 7.....	1,877,807	67,368	1,945,175		531,345	94,248
14.....	903,527	16,000	919,527		272,826	78,571
21.....	517,114	19,198	536,312			17,140
28.....	1,350,431	43,940	1,394,371		205,310	8,550
29-31.....	187,823	69,817	257,640		219,393	12,855
1940						
Jan. 1-4.....	179,803		179,803		110,762	
11.....	1,627,264	60,833	1,688,097	51,575	51,456	20,000
18.....	1,630,932	40,008	1,670,940		68,939	
25.....	2,733,186	47,818	2,781,004		29,982	38,000
Feb. 1.....	2,031,633		2,031,633	46,905	83,686	
8.....	1,605,214	93,970	1,699,184		263,473	
15.....	1,638,812		1,638,812		256,963	49,948
22.....	1,647,864	86,594	1,734,458		10,000	
29.....	1,601,165	123,956	1,725,121		166,667	
March 7.....	3,107,080	25,924	3,133,004		82,220	
14.....	3,079,578	95,776	3,175,354	83,729	41,667	
21.....	2,180,810	51,944	2,232,754			
28.....	2,184,393	226,897	2,411,290			
April 4.....	2,602,601	32,642	2,635,243		46,867	
11.....	1,256,546	80,810	1,337,356			
18.....	1,758,887	40,000	1,798,887			
25.....	2,309,003	180,000	2,489,003			
May 2.....	2,086,037	158,293	2,244,330		33,878	
9.....	1,499,693	173,752	1,673,445			
16.....	16,500		16,500			
23.....	641,467		641,467			
30.....	511,250		511,250			
June 6.....	460,460		460,460			
13.....	397,475	113,516	510,991			
20.....	160,062		160,062			
27.....	551,237	94,500	645,737			
July 4.....	679,808		679,808			
11.....	232,908	53,941	286,849		25,216	
18.....	369,344		369,344			
25.....	544,586		544,586			
26-31.....	193,654		193,654			68,559
Total—Crop Year.....	56,038,414	3,517,054	59,555,468	602,019	4,642,691	1,775,088

EXPORT CLEARANCES OF CANADIAN WHEAT (All varieties) VIA U.S.A. ATLANTIC SEABOARD PORTS, CROP YEAR 1939-40 (ended July 31)

Week ending	Via New York	Via Albany	Via Boston	Via Baltimore	Via Philadel- -hia	Via Portland	Total
1939	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Aug. 1-4.....	129,497						129,497
11.....	74,799	292,000					366,799
18.....	109,230	81,947					191,177
25.....	98,266	90,391					188,657
Sept. 1.....	56,985	8,000					64,985
8.....	388,487	60,000					448,487
15.....	558,311	188,000					746,311
22.....	504,867	72,000					576,867
29.....	1,262,140	395,333		264,940			1,922,413
Oct. 6.....	763,309	406,399		242,503			1,412,211
13.....	553,282				113,482		666,764
20.....	562,623	80,000					642,623
27.....	194,136			151,741			345,877
Nov. 3.....	313,756	69,015					382,771
10.....	343,763			164,161	67,200		575,124
17.....	281,589	318,500			65,470		665,559
24.....	248,225	292,967			316,564		857,756
Dec. 1.....	446,031	146,389		307,000	118,719		1,018,139
8.....	855,374	72,000	303,897	50,133	663,771		1,945,175
15.....	597,404		298,123		24,000		919,527
22.....	536,312						536,312
29.....	1,166,923			227,448			1,394,371
29-31.....	257,640						257,640
1940							
Jan. 1-5.....	179,803						179,803
12.....	822,800			620,355	244,942		1,688,097
19.....	662,434			595,159	221,347	192,000	1,670,940
26.....	1,120,203		427,358	474,966	471,584	286,893	2,781,004
Feb. 2.....	155,419		160,533	1,145,368	570,313		2,031,633
9.....	800,813			309,006	589,365		1,699,184
16.....	726,228		264,053	328,109	320,422		1,638,812
23.....	243,576			700,106	562,776	228,000	1,734,458
March 1.....	608,767		284,338	541,516		290,500	1,725,121
8.....	797,697		620,724	319,619	1,124,964	270,000	3,133,004
15.....	464,371		561,306	1,286,327	863,350		3,175,354
22.....	155,009		302,149	1,216,185	559,411		2,232,754
29.....	532,428		143,729	1,132,044	603,089		2,411,290
April 5.....	744,622		103,985	1,199,350	587,286		2,635,243
12.....	295,798	499,400	272,758	269,400			1,337,356
19.....	31,250	541,500	314,133	624,800	287,204		1,798,887
26.....	99,637	971,000	192,083	919,265	307,018		2,489,003
May 3.....	99,934	885,600		752,008	104,026	402,762	2,244,330
10.....	127,462	601,100		296,000	101,485	547,398	1,673,445
17.....	16,500						16,500
23.....	135,698		211,555		294,214		641,467
31.....	96,250	308,600		106,400			511,250
June 7.....	132,460	328,000					460,460
14.....	250,991	260,000					510,991
21.....	140,062			20,000			160,062
28.....	71,937	553,800		20,000			645,737
July 5.....	317,980	11,500	156,844		193,484		679,808
12.....	286,849						286,849
19.....	329,344				40,000		369,344
26.....	457,161				87,425		544,586
31.....	155,654		38,000				193,654
Total—Crop Year.	21,362,086	7,533,441	4,655,568	14,283,909	9,502,911	2,217,553	59,555,468

DISTRIBUTION—BY COUNTRIES OF FINAL DESTINATION—OF CANADIAN GRAIN
EXPORTED OVERSEAS DURING CROP YEAR 1939-40

Country	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence- Atlantic Seaboard Ports	Via Churchill and Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	Total	Per cent of Total
	bush.	bush.	bush.	bush.	bush.	bush.
<i>Wheat (except Durum)—</i>						
Great Britain and Northern Ireland.....	7,293,170	67,167,257	1,772,460	34,362,352	110,595,239	75.93
Eire.....		2,613,158		1,041,924	3,655,082	2.51
Belgium.....	318,844	1,456,275		5,198,997	6,974,116	4.79
Denmark.....		493,145	53,619	2,188,746	2,735,510	1.88
Finland.....		74,667		111,711	186,378	0.13
France.....	143,733	443,349		266,246	853,328	0.59
Germany.....		36,000		62,944	98,944	0.07
Italy.....	22,400	23,994			46,394	0.03
Latvia.....	312,335	235,200			547,535	0.38
Malta.....	18,667			22,392	41,059	0.03
Netherlands.....	685,467	815,549		7,711,958	9,212,974	6.32
Norway.....	858,667	2,926,953	58,851	1,583,340	5,427,811	3.73
Portugal.....				439,472	439,472	0.30
Portuguese Colonies.....		18,667		58,808	77,475	0.05
Spain.....				187,021	187,021	0.13
Sweden.....		24,000		770,624	794,624	0.54
Switzerland.....	478,314	913,157		660,922	2,052,393	1.41
British South Africa.....		49,569		405,406	454,975	0.31
Southern Rhodesia.....		9,334			9,334	0.00
Philippine Islands.....	916				916	0.00
Palestine.....				112,338	112,338	0.08
Brazil.....				63,495	63,495	0.04
Colombia, S.A.....	193,667			717,916	911,583	0.62
Venezuela.....				2,192	2,192	0.00
Central America.....	54,506			22,670	77,176	0.05
West Indies.....		6,955		46,940	53,895	0.04
Wrecked.....		55,995			55,995	0.04
Total—Wheat (except Du- rum) (exported over- seas).....	10,380,686	77,363,224	1,884,930	56,038,414	145,667,254	100.00
<i>Durum Wheat—</i>						
Great Britain and Northern Ireland.....		1,908,878		720,038	2,628,916	37.36
Belgium.....		304,303		577,496	881,799	12.53
Denmark.....				49,694	49,694	0.71
Finland.....				40,000	40,000	0.57
France.....		149,961		107,208	257,169	3.66
Germany.....		193,500			193,500	2.75
Greece.....				261,305	261,305	3.72
Netherlands.....		19,030		175,690	194,720	2.77
Portugal.....				260,441	260,441	3.70
Spain.....				25,924	25,924	0.37
Sweden.....		18,666		210,642	229,308	3.26
Switzerland.....		901,073		1,049,070	1,950,143	27.71
Egypt.....				18,555	18,555	0.26
Palestine.....				18,665	18,665	0.26
Colombia, S.A.....				1,516	1,516	0.02
West Indies.....				810	810	0.01
Wrecked.....		24,000			24,000	0.34
Total—Durum Wheat (exported overseas).....		3,519,411		3,517,054	7,036,465	100.00

DISTRIBUTION—BY COUNTRIES OF FINAL DESTINATION—OF CANADIAN GRAIN
EXPORTED OVERSEAS DURING CROP YEAR 1939-40

Country	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence- Atlantic Seaboard Ports	Via Churchill and Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.	bush.
<i>Wheat—All Varieties—</i>					
Great Britain and Northern Ireland. Eire.....	7,293,170	69,076,135 2,613,158	1,772,460	35,082,390 1,041,924	113,224,155 3,655,082
Belgium.....	318,844	1,760,578		5,776,493	7,855,915
Denmark.....		493,145	53,619	2,238,440	2,785,204
Finland.....		74,667		151,711	226,378
France.....	143,733	593,310		373,454	1,110,497
Germany.....		229,500		62,944	292,444
Greece.....				261,305	261,305
Italy.....	22,400	23,994			46,394
Latvia.....	312,335	235,200			547,535
Malta.....	18,667			22,392	41,059
Netherlands.....	685,467	834,579		7,887,648	9,407,694
Norway.....	858,667	2,926,953	58,851	1,583,340	5,427,811
Portugal.....				699,913	699,913
Portuguese Colonies.....		18,667		58,808	77,475
Spain.....				212,945	212,945
Sweden.....		42,666		981,266	1,023,932
Switzerland.....	478,314	1,814,230		1,709,992	4,002,536
Egypt.....				18,555	18,555
British South Africa.....		49,569		405,406	454,975
Southern Rhodesia.....		9,334			9,334
Philippine Islands.....	916				916
Palestine.....				131,003	131,003
Brazil.....				63,495	63,495
Colombia, S.A.....	193,667			719,432	913,099
Venezuela.....				2,192	2,192
Central America.....	54,506			22,670	77,176
West Indies.....		6,955		47,750	54,705
Wrecked.....		79,995			79,995
Total—Wheat All Varieties (ex- ported overseas).....	10,380,686	80,882,635	1,884,930	59,555,468	152,703,719
<i>Oats—</i>					
Great Britain and Northern Ireland. Eire.....	115,294	2,834,236 485,121		168,417	3,117,947 485,121
France.....				175,000	175,000
Italy.....	9,882				9,882
Netherlands.....		131,773			131,773
Norway.....		131,765			131,765
Switzerland.....	32,942	107,578		258,602	399,122
China.....	853				853
Federated Malay States.....	4,896				4,896
Hawaii.....	1,471				1,471
Hong Kong.....	45,756				45,756
Philippine Islands.....	1,176				1,176
Straits Settlements.....	677				677
Newfoundland.....		13,917			13,917
West Indies.....	29,059	7,623			36,682
Total (Overseas).....	242,006	3,712,013		602,019	4,556,038

DISTRIBUTION—BY COUNTRIES OF FINAL DESTINATION—OF CANADIAN GRAIN
EXPORTED OVERSEAS DURING CROP YEAR 1939-40—*Concluded*

Country	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence- Atlantic Seaboard Ports	Via Churchill and Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	Total
<i>Barley—</i>	bush.	bush.	bush.	bush.	bush.
Great Britain and Northern Ireland.	23,333	4,032,951	.....	722,311	4,778,595
Belgium.....	.....	624,983	.....	2,250,454	2,875,437
Netherlands.....	81,667	135,322	.....	1,573,370	1,790,359
Norway.....	.....	161,700	.....	45,695	207,395
Portugal.....	.....	.....	.....	25,216	25,216
Switzerland.....	.....	367,153	.....	25,645	392,798
Federated Malay States.....	110	.....	.....	.....	110
Hong Kong.....	4,271	.....	.....	.....	4,271
Philippine Islands.....	417	.....	.....	.....	417
Straits Settlements.....	10	.....	.....	.....	10
Total (Overseas).....	109,808	5,322,109	.....	4,642,691	10,074,608
<i>Rye—</i>					
Great Britain and Northern Ireland.	.....	65,658	.....	85,701	151,359
Belgium.....	.....	19,248	.....	269,980	289,228
Denmark.....	.....	8,579	.....	536,516	545,095
Finland.....	.....	.....	.....	59,957	59,957
Netherlands.....	.....	8,571	.....	.....	8,571
Norway.....	.....	866,021	.....	642,990	1,509,011
Sweden.....	.....	.....	.....	179,944	179,944
Total (Overseas).....	.....	968,077	.....	1,775,088	2,743,165
<i>Buckwheat—</i>					
Belgium.....	.....	103,608	.....	24,985	128,593
Netherlands.....	.....	.....	.....	123,521	123,521
Total (Overseas).....	.....	103,608	.....	148,506	252,114

NOTE.—Barley exports should be increased by 200,115 bushels of Canadian barley shipped in bond by rail from Chicago to Mexico.

DISTRIBUTION—BY COUNTRIES OF FINAL DESTINATION—OF CANADIAN WHEAT
AND WHEAT FLOUR EXPORTED DURING CROP YEAR 1939-40

Country	Wheat (Except Durum)	Durum Wheat	Wheat Flour* (Expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour	Per cent of Total
	bush.	bush.	bush.	bush.	bush.
Great Britain and Northern Ireland.....	110,595,239	2,628,916	19,349,465	132,573,620	68.81
Eire.....	3,655,082		46,602	3,701,684	1.92
Belgium.....	6,974,116	881,799	5,431	7,861,346	4.08
Belgian Colonies.....			648	648	0.00
Denmark.....	2,735,510	49,694	4,392	2,789,596	1.45
Finland.....	186,378	40,000	26,973	253,351	0.13
France.....	853,328	257,169		1,110,497	0.58
French Colonies.....			143,829	143,829	0.08
Germany.....	98,944	193,500		292,444	0.15
Greece.....		261,305		261,305	0.14
Greenland-Iceland.....			35,879	35,879	0.02
Italy.....	46,394			46,394	0.02
Latvia.....	547,535			547,535	0.28
Malta and Gibraltar.....	41,059		94,248	135,307	0.07
Netherlands.....	9,212,974	194,720	101,290	9,508,984	4.94
Netherland Colonies.....			160,871	160,871	0.08
Norway.....	5,427,811		1,125,288	6,553,099	3.40
Portugal.....	439,472	260,441	12,150	712,063	0.37
Portuguese Colonies.....	77,475		41,607	119,082	0.06
Spain.....	187,021	25,924		212,945	0.11
Sweden.....	794,624	229,308	18,738	1,042,670	0.54
Switzerland.....	2,052,393	1,950,143		4,002,536	2.08
British South Africa.....	454,975		20,191	475,166	0.25
British West Africa.....			121,667	121,667	0.06
Southern Rhodesia.....	9,334			9,334	0.00
Egypt.....		18,555	1,197	19,752	0.01
Liberia.....			4,783	4,783	0.00
Morocco.....			10,309	10,309	0.01
Aden.....			3,668	3,668	0.00
China.....			126,531	126,531	0.07
Hong Kong.....			389,264	389,264	0.20
India.....			54	54	0.00
Japan.....			379,782	379,782	0.20
Fiji Islands.....			207	207	0.00
Philippine Islands.....	916		655,997	656,913	0.34
Straits Settlements.....			18,706	18,706	0.01
Palestine and Syria.....	112,338	18,665	63,544	194,547	0.10
Persia.....			4,293	4,293	0.00
Australia.....			644	644	0.00
New Zealand.....			675	675	0.00
Brazil.....	63,495		19,926	83,421	0.04
British Guiana.....			739,980	739,980	0.38
Colombia, S.A.....	911,583	1,516		913,099	0.47
Ecuador.....			225	225	0.00
Peru.....			4,221	4,221	0.00
Uruguay.....			126	126	0.00
Venezuela.....	2,192		132,012	134,204	0.07
Bermuda.....			101,012	101,012	0.05
West Indies.....	53,895	810	4,195,260	4,249,965	2.21
Central America.....	77,176		170,419	247,595	0.13
Newfoundland.....			1,457,230	1,457,230	0.76
Alaska.....			27	27	0.00
U.S.A.—					
For home consumption.....	290,196		726,790	1,016,986	0.53
For grinding in bond.....	9,164,302			9,164,302	4.76
Wrecked.....	55,995	24,000		79,995	0.04
Total (all destinations).....	155,121,752	7,036,465	30,516,151	192,674,368	100.00

* Customs returns.

TRADE AND COMMERCE

DISTRIBUTION—BY COUNTRIES OF FINAL DESTINATION—OF CANADIAN GRAIN EXPORTED OVERSEAS AND TO U.S.A., MONTHLY, DURING CROP YEAR 1939-40

Country	August	September	October	November	December	January	February	March	April	May	June	July	Total
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Wheat—All Varieties—</i>													
Great Britain and Northern Ireland													
Aire	6,413,275	5,734,210	2,129,315	9,391,980	7,181,800	11,686,924	11,092,570	13,105,812	11,966,836	17,117,621	8,101,130	9,302,082	113,224,155
Belgium	489,400	352,400	16,000	72,000	197,203	607,555	130,667	386,849	554,733	477,175	321,600	40,000	3,655,082
Denmark	812,111	1,038,468	731,332	799,982	642,064	802,602	802,602	1,285,953	1,019,346		7,855,915		7,855,915
Finland	339,584	239,520	389,628	347,538	100,861	605,778	141,656	570,639					2,785,204
France	14,391	74,667	37,320										226,377
Germany	337,782			67,200	73,961	190,317			47,986	343,251	1,110,497		1,110,497
Greece	232,444												292,444
Italy	223,993	37,312				7,997		15,997					261,305
Latvia	312,400												46,394
Lithuania	312,335		235,200										547,535
Malta	41,059												41,059
Netherlands	365,287	3,084,277	843,393	1,366,049	1,441,626	1,588,300	364,358	354,404					9,407,694
Norway	326,667	701,922	403,326	1,563,152	731,499	419,945	333,967	947,333					5,427,811
Portugal													690,913
Portuguese Colonies													77,475
Spain	7,467	22,400	3,742			7,466	11,200	14,000	18,642	106,400	522,500	177,413	77,475
Sweden	72,000	138,650	165,000		195,988			87,903			11,200		212,945
Switzerland	209,403	517,329	1,091,567	224,072	374,920	126,823	68,000	205,436	44,000	115,407			1,023,832
Egypt	7,335			2,600	11,200	5,501	933	933					4,002,336
British South Africa				3,734					833	13,067	5,600		18,555
Southern Rhodesia				83		83	83	83					454,972
Philippine Islands				56,000									9,934
Palestine				83									84
Brazil	22,343			56,000			37,331		15,329		83		131,003
Colombia, S.A.				18,698						18,684			26,133
Venezuela	73,750	103,790	99,192	55,000	62,500	52,500	72,417	101,250	61,250	66,167	131,566	33,717	913,089
Central America		1,102	1,090										2,192
West Indies							12,502	16,168	12,500	31,668	1,335	3,003	77,176
	3,801	3,441	1,952	912	4,608	4,992	7,468	6,121	11,760	3,900	3,750		54,765
Total exported overseas	10,547,763	12,120,504	6,225,133	15,218,051	11,011,279	15,946,245	13,212,338	17,190,619	13,753,300	18,293,320	9,100,764	10,004,408	152,623,724
U.S.A.—													
For home consumption	5,634	7,185	78,410	92,959	4	1,390	17,000	2,700	29,261	8,626	7,565	39,462	290,196
For grinding in bond	938,738	686,650	918,201	987,392	406,633	937,267	810,327	854,661	709,304	812,700	562,037	590,392	9,164,302
Wrecked											79,995		79,995
Grand total exported (exclusive of wheat flour)	11,492,135	12,814,339	7,221,744	16,248,402	11,417,916	16,884,902	14,039,665	18,047,980	14,491,865	19,114,646	9,750,361	10,634,262	162,158,217

[illegible]

NOTE.—Barley exports should be increased by 200,115 bushels of Canadian barley shipped in bond by rail from Chicago to Mexico.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN PORTS ONLY,
CROP YEAR 1939-40

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence- Atlantic Sea- board Ports	Via Churchill and Fort William- Port Arthur (Direct)	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....	777,187	3,390,865		4,168,052
1 Man. Northern.....	3,151,909	44,619,509	211,619	47,983,037
2 Man. Northern.....	1,800,125	17,861,571	910,327	20,572,023
3 Man. Northern.....	758,089	4,912,732	762,984	6,433,805
4 Man. Northern.....	28,000	574,296		602,296
Number 5.....	65,333			65,333
No. 4 Special.....				
1 C.W. Garnet.....	1,478,983	1,254,566		2,733,549
2 C.W. Garnet.....	2,177,694	4,117,657		6,295,351
3 C.W. Garnet.....	92,027	326,123		418,150
1 Alberta Red Winter.....	40,771			40,771
Others.....	10,568	305,905		316,473
1 C.W. Amber Durum.....		200,460		200,460
2 C.W. Amber Durum.....		3,249,405		3,249,405
3 C.W. Amber Durum.....		69,546		69,546
Total.....	10,380,686	80,882,635	1,884,930	93,148,251
<i>Oats—</i>				
2 C.W. White.....	96,226	2,115,088		2,211,314
Ex. 3 C.W.....		540,924		540,924
3 C.W.....	6,588	249,801		256,389
1 Feed.....	88,471	338,501		426,972
2 Feed.....	10,941	72,465		83,406
Seed.....		235,393		235,393
Mixed Feed.....		104,787		104,787
Others.....	39,780	55,054		94,834
Total.....	242,006	3,712,013		3,954,019
<i>Barley—</i>				
Old 3 Ex. C.W. Six-Row.....		468,543		468,543
Old 3 C.W.....	47,083	1,015,628		1,062,711
Old 4 C.W.....	35,000			35,000
2 C.W. Six-Row.....		834,158		834,158
3 C.W. Six-Row.....		1,461,785		1,461,785
1 Feed.....	26,246	1,419,895		1,446,141
2 Feed.....	854	122,100		122,954
Others.....	625			625
Total.....	109,808	5,322,109		5,431,917
<i>Rye—</i>				
2 C.W.....		814,372		814,372
3 C.W.....		153,705		153,705
Total.....		968,077		968,077

NOTE.—Details of grades shipped via U.S.A. Atlantic Seaboard ports not available.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—CROP
YEAR 1939-40—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	10,019,267	242,006	109,808		
Prince Rupert.....					
Victoria.....	361,419				
Port Churchill.....	1,772,460				
Fort William-Port Arthur.....	112,470				
Montreal.....	36,177,478	1,014,132	4,095,148	928,077	91,710
Sorel.....	8,723,581	65,890			
Three Rivers.....	3,786,866	28,252	240,000		
Quebec.....	2,510,919				
Saint John.....	1,291,049				
West Saint John.....	15,548,716	2,118,233	661,913	40,000	11,898
Halifax.....	12,844,026	485,506	325,048		
Total—Canadian ports.....	93,148,251	3,954,019	5,431,917	968,077	103,608
New York.....	21,362,086	13,792	3,647,792	488,414	148,506
Albany.....	7,533,441			1,138,726	
Baltimore.....	14,283,909	51,575	793,792	147,948	
Boston.....	4,655,568				
Norfolk.....			65,067		
Philadelphia.....	9,502,911	489,747	67,101		
Portland.....	2,217,553	46,905	68,939		
Total—U.S.A. ports.....	59,555,468	602,019	4,642,691	1,775,088	148,506
Grand Total (exported overseas)	152,703,719	4,556,038	10,074,608	2,743,165	252,114

NOTE.—Barley exports should be increased by 200,115 bushels of Canadian barley shipped in bond by rail from Chicago to Mexico.

OVERSEAS EXPORTS OF CANADIAN GRAIN, MONTHLY, BY GROUPS OF PORTS FROM WHICH SHIPPED, CROP YEAR 1939-40

	Wheat (All varieties)	Oats	Barley	Rye	Buckwheat
	bush.	bush.	bush.	bush.	bush.
<i>Via Canadian Pacific Seaboard Ports—</i>					
August.....	2,310,689	101,671	2,104		
September.....	1,057,743	14,809	844		
October.....	254,004	4,585	844		
November.....	1,292,883	1,397	105,312		
December.....	687,017	23,779	635		
January.....	1,151,950	9,118			
February.....	1,322,519	23,382	10		
March.....	912,589	21,103	11		
April.....	451,252	37,603	10		
May.....	346,472	3,426	21		
June.....	425,683	191			
July.....	167,885	942	17		
Total.....	10,380,686	242,006	109,808		
<i>Via Canadian St. Lawrence-Atlantic Seaboard Ports—</i>					
August.....	6,427,845	492,378	995,271	25,665	
September.....	5,926,820	62,341	905,402	46,789	
October.....	3,335,156	4,044	790,429	479,990	
November.....	10,419,364	546,240	1,454,893	375,633	
December.....	5,271,237	404,567	247,452	40,000	91,710
January.....	6,899,551	794,387	208,911		11,898
February.....	4,635,511	686,112	468,740		
March.....	4,628,299	363,776	152,002		
April.....	4,065,171	354,897	99,009		
May.....	14,533,573				
June.....	6,735,459				
July.....	8,004,649	3,271			
Total.....	80,882,635	3,712,013	5,322,109	968,077	103,608
<i>Via Churchill (Direct)—</i>					
August.....	868,114				
September.....	904,346				
October to July.....					
Total.....	1,772,460				
<i>Via Fort William-Port Arthur (Direct)—</i>					
August to October.....					
November.....	112,470				
December to July.....					
Total.....	112,470				
<i>Via U.S.A. Atlantic Seaboard Ports—</i>					
August.....	941,115			51,429	
September.....	4,231,595		594,060	252,838	
October.....	2,635,973		837,665	399,254	19,993
November.....	3,393,334	419,810	710,316	683,696	128,513
December.....	5,053,025		1,228,874	211,364	
January.....	7,894,744	51,575	302,806	58,000	
February.....	7,254,308	46,905	739,122	49,948	
March.....	11,649,731	83,729	170,754		
April.....	9,236,877				
May.....	3,413,275		33,878		
June.....	2,019,617				
July.....	1,831,874		25,216	68,559	
Total.....	59,555,468	602,019	4,642,691	1,775,088	148,506

NOTE.—Barley exports should be increased by 200,115 bushels of Canadian barley shipped in bond by rail from Chicago to Mexico.

EXPORT CLEARANCES OF CANADIAN WHEAT (ALL VARIETIES) AND WHEAT FLOUR, MONTHLY, CROP YEAR 1939-40 (ENDED JULY 31)

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur- (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total All Wheat	Wheat Flour† (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Flour
						Con- sumption Duty-Paid	Milling in Bond			
1939	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
	2,310,089	6,427,845	808,114	.....	941,115	5,634	938,738	11,492,135	1,706,742	13,198,877
	1,057,743	5,926,820	904,346	.....	4,231,595	7,185	686,050	12,814,339	1,874,488	14,688,827
	254,004	3,335,156	.....	.....	2,635,973	78,410	918,201	7,221,744	1,998,649	9,220,393
	1,292,883	10,419,364	.....	112,470	3,393,334	92,959	937,392	16,248,402	2,577,645	18,826,047
	687,017	5,271,237	.....	.....	5,053,025	4	406,633	11,417,916	4,062,213	15,480,129
1940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1,151,950	6,899,551	.....	.....	7,894,744	1,390	937,267	16,884,902	3,263,922	20,148,824
	1,322,519	4,635,511	.....	.....	7,254,308	17,000	810,327	14,039,665	2,517,021	16,556,686
	912,589	4,628,299	.....	.....	11,649,731	2,700	854,661	18,047,980	3,220,105	21,268,085
	451,252	4,065,171	.....	.....	9,236,877	29,261	709,304	14,491,865	2,339,415	16,831,280
	346,472	14,533,573	.....	.....	3,413,275	8,626	812,700	19,114,646	3,251,677	22,366,323
	425,683	6,735,459	.....	.....	2,019,617	7,565	562,037	9,750,361	2,291,886	12,042,247
Total Crop Year 1939-40.....	167,885	8,004,649	.....	.....	1,831,874	39,462	590,392	10,634,262	1,412,388	12,046,650
	10,380,686	80,882,635	1,772,460	112,470	59,555,468	290,196	9,104,302	162,158,217	30,516,151	192,674,368
	39,470,915	76,206,294	916,913	337,093	12,157,315	239,409	9,987,141	139,315,080	20,719,103	160,034,183

* U.S.A. official figures. † Customs returns.

(k) ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1940
SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Oats		Mixed Feed Oats		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>								
Calgary.....	2,887-50	bush.	bush.	bush.	bush.	bush.	pounds	pounds
Edmonton.....		2,307-20	3-28		2,185-00		19,250	
Lethbridge.....	1,627-50							
Moose Jaw.....		109-20						
Prince Rupert.....		884-40						
Saskatoon.....		13,483-20		1,232-05	20,710-20			480
Totals.....	4,515-40	16,784-40	3-28	1,232-05	22,895-20		19,250	480
Net Total—Surplus.....					22,895-20		18,770	
or								
Deficit.....	12,269-00		1,228-11					

Fort William, Ontario.

ANNUAL WEIGH-UP, 1940

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1940, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
							194-00	2,938-00	2,030-20	1,078-20	56-10	92-00
							31-30	8,229-50	4,221-50	1,527-40	766-00	1,572-30
				3-30			3-40	2,112-50	117-20			
	111-50							10,878-10	5,636-50	363-30		
								5,050-40	999-40			
							1,023-00	26,629-20	1,018-20	636-30	167-40	167-00

There is no excess due to the Crown in the grades of Wheat as specified above from the Canadian Government Elevators.
Fort William, Ontario.

TRADE AND COMMERCE

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1 C.W. Garnet and 2 C.W. Garnet grades of WHEAT, as revealed by the annual weigh-up, 1940, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930, and amendments thereto.

LICENSEE	EXCESS				DEFICIENCY							
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	1 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Bawlf Terminal Elevator Co. Ltd. Canadian Consolidated Grain Co. Ltd.—	bush.	bush. 408-15	bush.	bush.	bush.	bush.	bush. 16-25	bush.	bush. 233-00	bush. 80-10	bush. 31-25	bush. 83-20
"Empire" "Thunder Bay" Eastern Terminal Elevator Co. Ltd.—			40-55	19-10			206-20 342-45	348-45 15,544-25	3,006-45	26-15	4-00 221-30	5-30 691-55
"Richardson" Federal Grain Ltd.— "Northwestern" "Stewart" Fort William Elevator Co. Ltd. Grand Trunk Pacific Elevator Co. Ltd.—							737-35	5,396-25	2,581-15	508-40	141-45	236-05
Manitoba Pool Elevators Ltd.— "Number 1" "Number 2" "Number 3" "Number 9" McCabe Bros. Grain Co. Ltd. (Dom. Govt. El.) "Elevator C" Northland Terminals Ltd.— "B & E" "D" Ogilvie Flour Mills Co. Ltd. N.M. Paterson & Co. Ltd. Reliance Grain Co. Ltd. Saskatchewan Pool Terminals Ltd. "Number 4" "Number 5" "Number 6" "Number 7" Searle Terminal Ltd. Superior Elevator Co. Ltd.— "P & H" United Grain Growers Terminals Ltd. Western Grain Co. Ltd.			805-10				2,090-35 80-30 238-20 5,017-35	4,821-35 67-30 1,235-20 20,638-10	6,770-15 1,005-35 3,133-20	1,583-40 398-05 420-10 6,427-10	689-30 49-20 85-50 539-55	728-50 125-05 142-05 934-05
							77-05 146-30 70-25 160-30	3,366-20 6,059-15 4,368-05 4,770-30	2,142-45 3,696-25 768-35 3,586-25	630-10 1,282-15 320-40 1,774-50	198-40 49-30 1,964-00 2,112-45	229-10 508-00 93-20 10,283-45
							329-40 59-00	5,064-25 3,913-40	3,314-45 2,240-55	1,015-20 236-00		423-15 186-15
Elevator filled to capacity—Official weighing postponed under Order-in-Council P.C. 5298—2nd October, 1940.												
Elevator filled to capacity—Official weighing postponed under Order-in-Council P.C. 5298—2nd October, 1940.												
	357-45		2,539-15				30-45	12-322-05	7,999-15	1,505-30	51-30	141-35
							196-40	5,424-20	117-40	800-30	11-40	42-10
								1,342-20		1,401-00	167-10	14-20
		119-00		515-10			374-35		2,173-45		4-15	55-45
							671-10	224-00	23-55			
							464-15	4,450-50	5,901-00	1,616-10	8-35	340-05
							642-45	11,774-00	1,009-55	451-20	36-25	36-30
							893-45	42,362-00	15,473-25	2,975-50		2,879-25
	395-30							836-50	480-30	464-10		211-30
							345-15	19,671-50	29,291-40			543-10
			2,656-55				139-50	90-05	821-45	103-50	58-05	322-20

Fort William, Ontario. There is no excess due to the Crown from any of the above elevators.

GRAIN COMMISSION

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1 C.W. and 2 C.W. Garnet grades of WHEAT, as revealed by the annual weigh-up, 1940, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS at VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL, EDMONTON and NORTH TRANSCONA, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930, and amendments thereto.

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver-New Westminster—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Alberta Wheat Pool— “Number 1”.....			256-55	12-15		249-20	5-00	462-20			203-40	
“Number 2”.....							2-45	843-55	197-45	113-45	503-50	422-50
Gillespie Terminal Grain Co. Ltd.....			182-35				7-10	44-55		4-40	197-45	123-10
Midland Pacific Terminal Ltd..							70-25	775-25	930-40	34-30	11,561-50	5,056-25
Pacific Elevators Ltd.....				1,578-50			39-25	5,302-25	1,925-50		1,493-10	1,713-50
Searle Terminal Ltd.....	1-40							311-20	563-20	41-25	261-35	420-30
United Grain Growers Terminals Ltd.....							78-00	2,542-30	1,548-25	252-00	1,185-50	1,180-20
<i>Victoria—</i>												
Gillespie Grain Co. Ltd.....								460-15	152-50	27-05	267-30	209-25
<i>Churchill—</i>												
National Harbours Board.....			796-15	697-15				21-00				
<i>Edmonton—</i>												
Gillespie Grain Co. Ltd.....								73-20	105-30	235-45		255-30
<i>North Transcona—</i>												
Eastern Terminal Elevator Co. Ltd.....							-30	3,969-35	612-00	748-10		

Fort William, Ontario. These is no excess due to the Crown from any of the above elevators.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 J. D. Fraser, Chief Inspector, Board of Grain Commissioners.
 Dr. J. A. Anderson, Chief Chemist, Board of Grain Commissioners.
 James Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 J. Watson, Chairman, Grain Appeal Tribunal, Calgary.
 L. H. Newman, Dominion Cerealists.
 N. Young, Assistant Director, Production Service, Department of Agriculture.
 H. Sellers, representing Millers of Wheat Flour.

George Bennett, W. H. Fairfield, R. H. MacDonald, B. S. Plumer,	}	representing Grain Growers in Alberta.		
Dr. L. E. Kirk, J. Wellbelove, W. Wright, G. E. Canfield, A. F. Sproule,		}	representing Grain Growers in Saskatchewan.	
P. F. Bredt, Dr. J. H. Craigie, J. Quick,			}	representing Grain Growers in Manitoba.
G. Constable, representing Grain Growers in British Columbia.				

COMMITTEE ON EASTERN GRAIN STANDARDS

E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 J. D. Fraser, Chief Grain Inspector, Board of Grain Commissioners.
 Norman Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 T. A. Climo, representing Exporters of Grain.
 J. J. Page,
K. F. Wadsworth,
 } | representing Millers of Wheat in the Eastern Division. |

R. J. Scott,
H. Currie,
 } | representing Grain Growers in Ontario. |

W. Wallace, Additional—representing Corn Growers.

J. M. Vittie, Additional.

G. E. McConney, Additional.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

Winnipeg

James Cuddy (Chairman).
 Grant Hammond.
 J. McMahon.
 A. F. Moore.
 J. Murray.
 S. C. Swanton.
 C. J. Wells.
 P. V. Wright.
 J. N. Wise.
 A. G. Melrose (Secretary)

Calgary

J. Watson (Chairman)
 F. T. Allison.
 J. A. Harris.
 W. McLeod.
 E. J. Munson.
 G. C. Arbuthnott.
 A. Watson.
 J. D. Russell.
 F. N. Sandgathe.
 E. S. Munro (Secretary)

Edmonton

C. R. Manahan (Chairman).
 J. W. Allen.
 W. H. Boyle.
 A. Fraser.
 G. C. Gillies.
 J. A. Kyle.
 L. T. Ingram.
 R. H. Settle.
 F. J. Wolfe.
 John Blue (Secretary).

Toronto

G. D. Brundrit.
 C. H. Coatsworth.
 R. C. Pratt.
 N. H. Campbell.
 C. W. Heimbecker.
 L. S. Johnston.
 W. N. McCarthy.
 G. E. McConney.
 E. D. Sullivan.
 K. F. Wadsworth.
 F. D. Tolchard (Secretary).

Montreal

P. J. Marples (Chairman).
 A. Chaplin.
 F. B. Earle.
 N. Wight.
 J. A. Byrne.
 J. M. Vittie.
 T. A. Climo.
 H. C. Beatty (Secretary).

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1940

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	1,182	193	1	988
Calgary.....	219	47	1	171
Edmonton.....	150	19		131
Toronto.....	1			1
Montreal.....				

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., January 10, 1941.

THE SECRETARY,

Board of Grain Commissioners for Canada,
Winnipeg, Man.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and Eastern warehouse receipts or transfer receipts during the crop year ended August 31, 1940:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	294,093,801-40	230,633,115-50
Oats.....	21,514,962-24	24,749,241-31
Barley.....	17,224,947-26	17,221,386-46
Flax.....	1,035,782-12	873,432-19
Rye.....	4,914,233-32	5,468,619-51
Mixed Grain.....	243,574-20	194,281-10
Barley Malt.....	467,172-28	467,172-28
Corn.....	156,446-18	161,081-06
<i>Vancouver—</i>		
Wheat.....	20,833,526-50	11,612,268-30
Oats.....	224,094-32	398,402-12
Barley.....	312,556-42	460,734-08
Rye.....	14,412-32	3,061-54
Mixed Grain.....	44,278-00	7,275-40
Corn.....	7,591-44	7,971-44
<i>Calgary—</i>		
Wheat.....	2,717,969-50	3,006,077-50
Oats.....	208,315-00	248,850-20
Barley.....	1,886-22	1,886-22
Rye.....	1,152-18	1,152-18
Mixed Grain.....	202-10	202-10
<i>Edmonton—</i>		
Wheat.....	4,620,808-20	4,215,009-00
Oats.....	10,787-32	60,770-20
Barley.....	3,487-44	2,639-38
Mixed Grain.....	57-30	57-30
<i>Lethbridge—</i>		
Wheat.....	1,478,846-10	459,259-10
Oats.....	1,877-12	8,112-22
Barley.....	80-40	.....
Flax.....	2,380-05	2,380-05
Mixed Grain.....	.....	544-00
<i>Moose Jaw—</i>		
Wheat.....	6,245,872-20	1,400,491-20
Oats.....	9,898-18	24,490-30
<i>Prince Rupert—</i>		
Wheat.....	1,136,106-50	.....
Oats.....	.....	10,420-00
<i>Saskatoon—</i>		
Wheat.....	5,955,003-10	1,268,227-10
Oats.....	8,837-22	69,519-26
Rye.....	530-44	530-44
Mixed Grain.....	95-40	.....
<i>Total—</i>		
Wheat.....	337,081,935-10	252,594,448-50
Oats.....	21,978,774-04	25,569,880-25
Barley.....	17,542,959-30	17,686,647-18
Flax.....	1,038,162-17	875,812-24
Rye.....	4,930,329-14	5,473,364-52
Mixed Grain.....	288,208-00	202,361-10
Barley Malt.....	467,172-28	467,172-28
Corn.....	164,038-06	169,052-50

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Montreal—</i>		
Wheat.....	240,493,891-50	220,951,671-00
Oats.....	16,554,971-20	17,774,329-01
Barley.....	13,362,305-46	14,649,827-21
Flax.....	1,511,863-28	1,451,438-16
Rye.....	2,155,604-47	1,935,139-36
Mixed Grain.....	1,402-22	12,134-42
Corn.....	44,186,439-33	43,448,911-09
Screenings.....	1,477,134-12	1,381,633-02
Beans.....	5,426,667-40	5,494,086-04
Buckwheat.....	119,629-46	112,370-28

Yours respectfully,

W. T. TODD,

Registrar.

APPENDIX No. 5

REPORT OF CHIEF INSPECTOR OF GRAIN

WINNIPEG, MAN.,

November 1, 1940.

THE SECRETARY,

Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I hereby submit my annual report covering car and cargo inspections in the Western Division; car and cargo inspections and sampling in the Eastern Division, for the year ending July 31, 1940.

The crop of 1939 in the Western Division was not seriously affected by any adverse condition. It was harvested during good weather, and the grain produced was of high grade and good quality.

The total number of cars inspected in the Western Division for the year 1939-40 was 262,053 as against 214,029 for the year 1938-39, an increase of 48,024 cars.

Yours truly,

JAS. D. FRASER,

Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1939 to July 31, 1940, are made up as follows:

	Cars	Percentages
Wheat.....	228,968	87.375
Oats.....	15,800	6.029
Barley.....	12,697	4.845
Flax.....	1,032	.394
Rye.....	3,214	1.226
Mixed Grain.....	141	.054
Corn.....	121	.046
Screenings.....	80	.031
Total.....	262,053	100.000

The grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	6,562	3.066		
1 Manitoba Northern.....	128,877	60.221		
2 Manitoba Northern.....	50,738	23.709		
3 Manitoba Northern.....	10,444	4.880		
4 Manitoba Northern.....	2,593	1.211		
No. 4 Special.....	1,803	.843		
No. 5.....	647	.302		
No. 6.....	57	.027		
Feed.....	22	.010		
Sample.....	38	.018		
Smutty.....	387	.181		
Tough.....	10,926	5.105		
Damp.....	179	.084		
Rejected.....	632	.295		
No. 5 Special.....	77	.036		
No. 6 Special.....	25	.012		
Total Red Spring Wheats.....	214,007	100.000	214,007	93.466
1 Garnet.....	2,641	31.155		
2 Garnet.....	3,088	36.428		
3 Garnet.....	581	6.854		
Smutty Garnet.....	10	.118		
Tough Garnet.....	2,124	25.056		
Damp Garnet.....	14	.165		
Rejected Garnet.....	19	.224		
Total Garnet Wheats.....	8,477	100.000	8,477	3.702
1 Amber Durum.....	344	5.753		
2 Amber Durum.....	3,927	65.669		
3 Amber Durum.....	1,236	20.669		
4 Amber Durum.....	40	.669		
Smutty Amber Durum.....	62	1.037		
Tough Amber Durum.....	171	2.859		
Damp Amber Durum.....	4	.067		
Rejected Amber Durum.....	188	3.144		
Sample Amber Durum Broken.....	7	.117		
Sample Amber Durum.....	1	.016		
Total Amber Durum Wheat.....	5,980	100.000	5,980	2.612
1 White Spring.....	1	20.000		
3 White Spring.....	2	40.000		
4 White Spring.....	1	20.000		
Smutty White Spring.....	1	20.000		
Total White Spring Wheat.....	5	100.000	5	.002
1 Mixed Wheat.....	103	45.175		
3 Mixed Wheat.....	60	26.316		
4 Mixed Wheat.....	2	.877		
5 Mixed Wheat.....	20	8.772		
Tough Mixed Wheat.....	27	11.843		
Smutty Mixed Wheat.....	4	1.754		
Rejected Mixed Wheat.....	12	5.263		
Total Mixed Wheat.....	228	100.000	228	.100
1 Alberta Red Winter.....	116	42.805		
2 Alberta Winter.....	91	33.579		
3 Alberta Winter.....	31	11.439		
Tough Alberta Winter.....	5	1.845		
Smutty Alberta Winter.....	28	10.332		
Total Alberta Winter Wheat.....	271	100.000	271	.118
Total.....	228,968		228,968	100.000

The grades of Oats are as follows:—

	Cars	Percentages
1 Canada Western.....	26	.165
2 Canada Western.....	5,080	32.151
Ex. 3 Canada Western.....	4,560	28.860
3 Canada Western.....	727	4.606
Ex. 1 Feed.....	319	2.018
1 Feed.....	2,544	16.100
2 Feed.....	474	3.000
3 Feed.....	47	.296
Mixed Feed Oats.....	11	.069
Rejected Oats.....	9	.056
Sample.....	4	.025
Tough.....	1,990	12.598
Damp.....	9	.056
Total.....	15,800	100.000

The grades of Barley are as follows:—

	Cars	Percentages
1 C.W. Six-Row.....	13	.103
2 C.W. Six-Row.....	4,010	31.592
3 C.W. Six-Row.....	2,773	21.840
1 C.W. Two-Row.....	27	.213
2 C.W. Two-Row.....	113	.890
1 Feed.....	1,183	9.317
2 Feed.....	2,122	16.701
3 Feed.....	544	4.284
Rejected.....	3	.024
Tough.....	1,872	14.744
Damp.....	37	.292
Total.....	12,697	100.000

The grades of Flax are as follows:—

	Cars	Percentages
1 C.W.....	960	93.023
2 C.W.....	17	1.647
3 C.W.....	7	.678
4 C.W.....	3	.291
Sample.....	1	.097
Tough.....	41	3.973
Damp.....	2	.194
Flax and False Flax.....	1	.097
Total.....	1,032	100.000

The grades of Rye are as follows:—

	Cars	Percentages
1 C.W.....	22	.684
2 C.W.....	1,864	57.997
3 C.W.....	1,018	31.674
4 C.W.....	86	2.676
Ergoty Rye.....	7	.218
Rejected.....	3	.093
Tough.....	209	6.503
Damp.....	1	.031
Sample.....	3	.093
Sample Rye Broken.....	1	.031
Total.....	3,214	100.000

The grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	37	26·241
No. 2.....	16	11·349
No. 3.....	62	43·971
Tough.....	14	9·929
Damp.....	1	·709
Rejected.....	2	1·418
Sample.....	9	6·383
Total.....	141	100·000

The grades of Corn are as follows:—

	Cars	Percentages
No. 1 C.W. Yellow.....	5	4·132
No. 2 C.W. Yellow.....	11	9·091
No. 3 C.W. Yellow.....	7	5·785
No. 4 C.W. Yellow.....	3	2·479
No. 5 C.W. Yellow.....	4	3·306
Tough.....	8	6·612
Damp.....	82	67·769
Sample.....	1	·826
Total.....	121	100·000

The number of cars of grain inspected at the various points during the crop year August 1, 1939 to July 31, 1940.

	Cars	Percentages
Winnipeg.....	212,643	81·145
Calgary.....	13,428	5·124
The Pas.....	864	·330
Moose Jaw.....	7,298	2·785
Saskatoon.....	6,602	2·519
Medicine Hat.....	2,102	·802
Lethbridge.....	833	·318
Prince Rupert.....	35	·014
Vancouver.....	908	·346
Edmonton.....	17,122	6·534
Churchill.....	218	·083
Total.....	262,053	100·000

SUMMARY OF CARS REINSPECTED, 1939-1940

	Winnipeg		Calgary	
Cars inspected.....	212,643		13,428	
Cars reinspected.....	45,010 = 21·16%		1,423 = 10·59%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	28,986	64·40	1,001	70·34
Grades raised.....	11,053	24·56	240	16·87
Grades lowered.....	176	·39	8	·56
Dockage raised.....	675	1·50	26	1·83
Dockage lowered.....	4,120	9·15	148	10·40
Total.....	45,010	100·000	1,423	100·00

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars inspected.....	17,122		6,602	
Cars reinspected.....	4,059 = 23.70%		342 = 5.18%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	3,389	83.49	300	87.72
Grades raised.....	261	6.43	42	12.28
Grades lowered.....	19	.47		
Dockage raised.....	374	9.21		
Dockage lowered.....	16	.40		
Totals.....	4,059	100.00	342	100.00

	Moose Jaw		Medicine Hat	
Cars inspected.....	7,298		2,102	
Cars reinspected.....	520 = 7.12%		64 = 3.04%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	442	85.00	51	79.69
Grades raised.....	69	13.27	9	14.06
Grades lowered.....	1	.19	2	3.12
Dockage raised.....				
Dockage lowered.....	8	1.54	2	3.13
Totals.....	520	100.00	64	100.00

	Lethbridge		Vancouver	
Cars inspected.....	833		908	
Cars reinspected.....	29 = 3.48%		53 = 5.83%	
Reinspections	Cars	Per cent	Cars	Per cent
Left as graded.....	23	79.31	43	81.13
Grades raised.....	5	17.24	10	18.87
Grades lowered.....	1	3.45		
Dockage raised.....				
Dockage lowered.....				
Totals.....	29	100.00	53	100.00

	The Pas	Churchill
Cars inspected.....	864	218
Cars reinspected.....		

	Prince Rupert
Cars inspected.....	35
Cars reinspected.....	

TRADE AND COMMERCE

RECAPITULATION OF REINSPECTIONS

Total cars inspected.....	262,053
Total cars reinspected.....	51,500 = 19.65%

	Cars	Per cent	Per cent of total Inspections
Left as graded.....	34,235	66.47	13.06
Grades raised.....	11,689	22.69	4.46
Grades lowered.....	207	.42	.08
Dockage raised.....	1,075	2.08	.41
Dockage lowered.....	4,294	8.34	1.64
Total.....	51,500	100.00	19.65

SUMMARY OF CARS APPEALED

	Winnipeg		Calgary		Edmonton		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as graded.....	988	83.59	171	78.08	131	87.33	1,290	83.17
Grades raised.....	193	16.32	47	21.46	19	12.67	259	16.70
Grades lowered.....	1	.09	1	.46			2	.13
Dockage raised.....								
Dockage lowered.....								
Totals.....	1,182	100.00	219	100.00	150	100.00	1,551	100.00

PERCENTAGES OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total inspections.....	262,053	100.00
Total appeals.....	1,551	.59
Total grades changed.....	261	.10

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1939 TO JULY 31, 1940

	Fort William and Port Arthur	Vancouver and New Westminster	Victoria	Churchill	Prince Rupert
	bush.	bush.	bush.	bush.	bush.
Wheat.....	226,681,591	10,019,267	361,419	1,772,460	
Oats.....	18,620,833	242,006			
Barley.....	15,456,602	109,807			
Flaxseed.....	665,620	16			
Rye.....	5,397,728				
	lbs.				
Mixed Grain.....	2,690,380				
Mixed Feed Oats, Groats.....	720,000				
Barley Malt.....	16,818,220				
Screenings.....	204,502,561				

GRAIN COMMISSION

45

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1939, TO JULY 31, 1940

Ex PUBLIC, SEMI-PUBLIC AND PRIVATE TERMINAL ELEVATORS

	Winnipeg	Calgary	Moose Jaw	Saska- toon	Churchill	Leth- bridge	Edmonton	Fort William and Port Arthur	Prince Rupert	Van- couver	Total
Wheat.....	323	1,952	932	877	.....	238	2,370	650	.....	800	8,142
Oats.....	740	227	204	86	.....	1	52	2,752	.....	203	4,265
Barley.....	574	450	5	15	.....	.....	26	902	.....	196	2,168
Flaxseed.....	2	1	2	.....	.....	.....	1	111	.....	.....	117
Rye.....	5	7	.....	.....	.....	.....	4	41	.....	8	65
Mixed Grain.....	41	29	.....	3	.....	.....	1	58	.....	7	139
Corn.....	.....	3	.....	.....	.....	.....	.....	80	.....	.....	83
Mixed Feed Oats, Groats.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	12
Screenings.....	179	142	47	197	.....	8	23	1,517	.....	181	2,294
Total.....	1,864	2,811	1,190	1,178	.....	247	2,477	6,123	.....	1,395	17,285

TRADE AND COMMERCE

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1939 TO JULY 31, 1940

<i>Cargoes—</i>			
Grain grown in Eastern Division—	Bushels	Bushels	Bushels
At Montreal.....	2,127		
At Halifax.....	24,127		
At Toronto.....	30,456		
At Chatham.....	30,860		
		87,570	
Grain grown in United States—			
At Montreal.....	2,004,877		
At Halifax.....	351,426		
		2,356,303	2,443,873
<i>Bins and Truck Loads—</i>			
At Chatham.....			119,962
<i>Car Loads—</i>			
Grain grown in Eastern Division—	Cars	Cars	Cars
At Toronto.....	1,207		
At Montreal.....	203		
At Chatham.....	2,066		
		3,476	

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1939 TO JULY 31, 1940

	Bushels	Bushels
Western Grain.....	152,529,190	
Eastern Grain.....	196,479	
African Grain (Corn).....	3,285,772	
Argentine Grain (Corn and Flax).....	855,417	
Australian Grain (Wheat).....	281,672	
United States Grain.....	15,892,369	
Indian Grain (Flax).....	4,000	
		173,044,899
At Montreal.....	108,581,153	
At Sorel.....	17,964,963	
At Quebec.....	3,801,044	
At Saint John.....	19,788,967	
At Halifax.....	15,472,496	
At Three Rivers.....	7,436,276	
		173,044,899

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1939 TO JULY 31, 1940

	Montreal	Toronto	Chatham
Western Grain.....	160	5	
Eastern Grain.....	211		26
United States Grain.....	11	1	
South African Grain (Corn).....	6		
Argentine Grain (Corn).....	1		
Miscellaneous Grain (Malt).....	158	6	
	547	12	26

GRADES OF CARGOES INSPECTED

<i>Grain grown in Eastern Division—</i>		Bushels
<i>Wheat—</i>		
No. 2 C.E. Red Winter.....		24,127
No. 1 C.E. Mixed Winter.....		30,456
Rejected No. 2 Mixed Winter.....		30,860
<i>Grain grown in the United States—</i>		
<i>Wheat—</i>		
No. 2 Hard Winter.....		281,292
<i>Corn—</i>		
No. 1 Yellow.....		412,207
No. 2 Yellow.....		1,662,804

GRADES OF BINS AND TRUCK LOADS INSPECTED

Grain grown in Eastern Division—

Wheat—

Bushels

No. 1 C.E. Red Winter	12,936
No. 2 C.E. White Winter	4,704
No. 1 C.E. Mixed Winter	82,774
No. 2 C.E. Mixed Winter	13,672
No. 3 C.E. Red Winter	233
Smutty No. 1 C.E. Mixed Winter	845
Rejected No. 1 C.E. Mixed Winter	1,206
Rejected Smutty No. 1 C.E. Mixed Winter	3,592

GRADES OF CAR LOADS INSPECTED

	Toronto	Montreal	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter	142		64	206
No. 2 C.E. White Winter	6		13	19
No. 4 C.E. White Winter			1	1
No. 1 C.E. Red Winter	4	8	236	248
No. 2 C.E. Red Winter			22	22
No. 3 C.E. Red Winter			2	2
No. 1 C.E. Mixed Winter	408		997	1,405
No. 2 C.E. Mixed Winter	29		247	276
No. 3 C.E. Mixed Winter			16	16
Smutty	72		20	92
Tough	3			3
Rejected	8		5	13
Sample Mixed Winter			2	2
<i>Oats—</i>				
No. 2 C.E. White	2		4	6
No. 3 C.E.	3	7		10
No. 4 C.E.	4	13		17
Tough	1	13		14
Sample Oats		2		2
<i>Barley—</i>				
No. 2 C.E.	10		1	11
No. 3 C.E.	34			34
No. 4 C.E.	2			2
Tough	1	1		2
Rejected	1			1
Sample		1		1
<i>Rye—</i>				
No. 1 C.E.	3			3
No. 2 C.E.	2			2
<i>Corn—</i>				
No. 1 C.E. Yellow	273	57	197	527
No. 2 C.E. Yellow	114	17	82	213
No. 3 C.E. Yellow	47	1		48
No. 1 C.E. Mixed	14	5	4	23
No. 2 C.E. Mixed			1	1
No. 4 C.E. Mixed			3	3
No. 1 C.E. Yellow Dent and Flint			1	1
Sample C.E. Yellow		2		2
<i>Pea Beans—</i>				
No. 1 C.E.			141	141
No. 2 C.E.		8	6	14
No. 3 C.E.		3		3
<i>Buckwheat—</i>				
No. 2 C.E.		2		2
No. 3 C.E.		4	1	5
Tough	14	13		27
Damp	9	44		53
<i>Mixed Grain—</i>				
No. 3 C.E.	1			1
<i>U.S.A. Corn—</i>				
No. 2 Yellow		2		2
Grand Total	1,207	203	2,066	3,476

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

THE SECRETARY,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit the following report of the Weighing Branch of the Board for the crop year 1939-40.

This Branch supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators, as required under Sections 91 and 123 of the Act.

Weighing services were also supplied at elevators operating under a Mill Elevator license, as required under Section 99, Part 2, of the Act.

In the Eastern Division, weighing services were supplied on a fees basis for the purpose of weighing carlot domestic shipments at the following elevators: Goderich Elevator; Western Canada Flour Mills Elevator, Goderich; Canada Steamship Lines Elevator, Midland; Midland Simcoe Elevator, Midland; Aberdeen Elevator, Midland; Great Lakes Elevator, Owen Sound; Canadian Pacific Railway Elevator, Port McNicoll; Sarnia Elevator, Sarnia; Toronto Elevator, Toronto.

At all elevators licensed by the Board where weighing services have been supplied, the equipment used for receiving, shipping and weighing grain has been maintained in good condition under the supervision of officers of this Branch.

Under my authority as Inspector of Weights and Measures of Terminal Elevator scales, I carried out the inspection of scales in the following elevators in the Western Division (with the help of my assistants) in accordance with the Weights and Measures Act and Regulation 1929, Chapter 212, Section 50, and for which certificates of verification were issued.

The semi-annual inspection of the scales located in the above elevators was made as usual, also special inspections when deemed advisable to insure the continued accuracy of the scales.

The annual inspection of scales located in the elevators in the Eastern Division was carried out by Mr. P. J. Marples of Montreal in accordance with the Weights and Measures Act.

Fewer complaints were received than in previous years on the outturn of cars unloaded at Terminal Elevators, due chiefly, I think, to the fact that the railways are using a better class of car in this traffic, and to the better coöperation of grain doors of cars loaded at country elevators. Complaints received were thoroughly investigated and in the majority of cases it was found that the cars had been reported leaking, grain doors not properly installed or pilfered en route, in railway yards, or after being spotted at the unloading elevators. In spite of the fact the railway and elevator companies have been very vigilant in trying to stop the pilfering of cars, there is still a considerable amount of it going on. However, with increased employment, this practice is generally greatly reduced.

On the reported outturns of some cargoes, loaded at the Head of the Lakes, complaints were received which were thoroughly investigated and, in some cases,

satisfactory settlements were made, but in other cases the investigation proved that there was no claim against the loading elevators. There is enclosed statement showing the average reported shortage of pounds per 1,000 bushels on vessel shipments from Port Arthur and Fort William and unloaded at Canadian and American Ports.

There were some complaints received from the United Kingdom on cargoes loaded at St. Lawrence and Atlantic Ports which were thoroughly investigated, and reports submitted to the Board with recommendations.

The grain in store in all Public Terminal Elevators, Semi-Public Terminal Elevators, the top four grades of Red Spring wheat, and the two top grades of Garnet wheat in Private Terminal Elevators situated in the Western Division amounting to approximately 90,000,000 bushels, and all grain in Eastern Elevators operating in the Eastern Division amounting to approximately 40,000,000 bushels, was weighed over during the year, as required under this Act.

Statements showing correct quantities of the various grades in store in each of these elevators were prepared by this Branch, and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Terminal Elevators, the establishment of overages in Terminal Elevators and Eastern Elevators, in accordance with the provisions of Section 138 and 138-A of the Canada Grain Act.

I wish to point out to the Board that several members of the staff have been granted leave of absence to enlist in various Branches of His Majesty's Forces for Active Service.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1940.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	295,972,243-20	548,468-20	518,687-20	297,039,399-00
Oats.....	21,774,988-04	332,839-14		22,107,827-18
Barley.....	17,479,437-43	7,966-12		17,487,404-07
Flaxseed.....	1,231,485-14	10,687-07		1,242,172-21
Rye.....	5,008,557-43	15,310-50	14,601-04	5,038,469-41
Canadian Corn.....	105,843-54	32,756-04		152,105-52
Canadian Corn (ex vessel).....	13,505-50			
	lbs.	lbs.		lbs.
Mixed Grain.....	10,739,581	1,511,540		12,251,121
Mixed Feed Oats Groats.....				
Sample Barley Malt.....	16,818,220			16,818,220
All Screenings.....	5,922,440	12,567,770		18,490,210

FORT WILLIAM—PORT ARTHUR—*Concluded*

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	226,681,591-15	568,649-30	660,750-40	551,582-10	228,462,573-35
Oats.....	18,620,833-03	5,769,157-24		374,134-20	24,764,125-13
Barley.....	15,456,602-41	1,699,870-41		8,911-00	17,165,384-34
Flaxseed.....	678,065-44	201,607-32		11,056-36	890,730-00
Rye.....	5,397,728-03	31,086-40	14,603-01	16,102-18	5,459,520-06
Canadian Corn.....		122,957-38		33,474-36	156,432-18
	lbs.	lbs.		lbs.	lbs.
Mixed Grain.....	2,690,380	5,120,450		1,581,116	9,391,946
Mixed Feed Oats Groats.....	720,000	700,000			1,420,000
Sample Barlet Malt.....	16,818,220				16,818,220
All Screenings.....	204,502,561	82,986,700		12,527,540	300,016,801

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1939-40
(ENDED JULY 31, 1940) AT ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	21,262,362-10	975,605-12	582,495-30	1,302-32	135,056-14	12,242,610
Victoria.....	669,195-10	133-08				
Prince Rupert.....	1,155,992-00					3,060
Churchill.....	1,852,063-40	337-22				
Calgary—Government...	2,767,700-10	208,450-10	1,886-22		1,152-18	253,000
Edmonton—Government.	4,713,941-50	10,812-12	3,507-14			469,180
Lethbridge—Government	1,505,731-10	1,877-12	85-30	3,156-09		224,670
Moose Jaw—Government	6,346,415-30	9,905-20				376,470
Saskatoon—Government.	6,089,166-50	9,157-02			604-03	4,790
North Transcona.....	1,011,215-30	1,029-14	4,070-38	98-19	338-02	
Gillespie Grain, Edmonton.....	70,834-50	209,092-02	58,616-02	78-22	6,944-36	268,970

SHIPMENTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	12,021,698-40	1,237,249-23	625,758-36	1,155-48	125,268-48	15,679,070
Victoria.....	362,999-30	7,498-28				162,000
Prince Rupert.....	57-50	10,537-22				847,510
Churchill.....	1,772,460-40					3,254,030
Calgary—Government...	3,006,078-10	245,850-20	1,886-22		1,152-18	1,649,500
Edmonton—Government.	4,215,029-00	61,182-02	2,639-38			3,270,580
Lethbridge—Government	459,259-10	8,112-22	80-40	2,380-05		1,192,190
Moose Jaw—Government.	1,400,492-00	24,540-30				5,231,280
Saskatoon—Government.	1,268,227-10	59,041-06			530-41	7,234,160
North Transcona.....	289,837-10	3,111-26	4,354-30		1,082-48	189,415
Gillespie Grain, Edmonton.....	69,332-10	242,491-26	50,733-06	78-22	8,294-26	480,450

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR 1939-40
(ENDED JULY 31, 1940) AT THE FOLLOWING POINTS

RECEIPTS

Point	U.S.A. Wheat	U.S.A. Corn	South African Corn
	bush.	bush.	bush.
Vancouver and New Westminster.....	10,150-20	12,108-12	880,466-34
Gillespie Grain, Edmonton.....		1,423-26	

SHIPMENTS

Vancouver and New Westminster.....	26,310-30	12,488-12	830,197-50
Gillespie Grain, Edmonton.....		1,742-16	

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1939-1940

Kenora.....	Nil
Keewatin.....	5,996
Winnipeg.....	10,434
Churchill.....	Nil
Saskatoon.....	4,209
Moose Jaw.....	5,407
Calgary.....	4,834
Edmonton.....	463
Medicine Hat.....	2,323
Total.....	33,666

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1939-1940

CANADIAN PACIFIC RAILWAY

—	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	9,594	771	91
Elevators, excluding Lakehead.....	2,141	253	69
Total.....	11,735	1,024	160

CANADIAN NATIONAL RAILWAY

—	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	6,197	250	24
Elevators, excluding Lakehead.....	1,010	69	17
Total.....	7,207	319	41
Total both roads.....	18,942	1,343	201

CAR INSPECTION AT WINNIPEG YARDS

—	Cars Inspected	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	117,241	5,865	1,292
C.N.R. Yards.....	99,346	1,898	482
Total.....	216,587	7,763	1,774

**REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS**

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	146,705,367-55	Short 28-79
Oats.....	10,506,051-27	Short 19-81
Barley.....	8,867,036-26	Short 38-13
Flaxseed.....	678,065-44	Short 38-34
Rye.....	1,553,771-05	Short 47-52
Barley Malt.....	16,818,220 lbs.	Short 23 lbs. per 1,000 lbs.
Mixed Feed Oats Groats.....	360 tons	Short 1-02 lbs. per ton.
Screenings.....	31,082-0920 tons	Short 2-08 lbs. per ton

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	79,450,194-10	Short 29-38
Oats.....	8,124,441-30	Short 36-6
Barley.....	6,579,598-00	Short 41-65
Rye.....	3,719,179-30	Short 40-56
Screenings.....	72,413-1250 tons	Short 6-15 lbs per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	226,365,810-25	Short 29
Oats.....	18,630,493-23	Short 27-13
Barley.....	15,446,634-26	Short 39-63
Flaxseed.....	678,065-44	Short 38-34
Rye.....	5,272,950-35	Short 42-61
Mixed Feed Oats.....	330 tons	Short 1-02 lbs. per ton
Barley Malt.....	16,818,220 lbs.	Short 23 lbs. per 1,000 lbs.
Screenings.....	103,496-0170 tons	Short 4-92 lbs. per ton

APPENDIX No. 7

**REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS**

FORT WILLIAM, ONT., December 12, 1940.

THE SECRETARY,
The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report covering the operations of the Canadian Government Elevators for the year 1940.

ELEVATORS OPERATED

During the entire year the interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were operated under Public Terminal Elevator licences.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continues to be operated by McCabe Bros. Grain Co. Ltd. under lease which expires in 1944.

CHARGES

With the exception of minor changes in cleaning charges the tariff of charges for handling, storing and treating grain was on the same basis as that in effect the previous season.

GRAIN HANDLED

The volume of grain received at the interior elevators, 21,648,630 bushels, was sixty-four per cent (64%) greater than the previous year's receipts and the Prince Rupert elevator, which was not operating in the previous year, received 1,155,662 bushels during the present season.

The following statement shows a comparison of the receipts at each elevator during the two years—

Elevator	1938-39	1939-40	Increase
	bus	bus	bus
Moose Jaw.....	2,933,256	6,346,378	3,413,122
Saskatoon.....	2,691,924	6,093,439	3,401,515
Calgary.....	2,916,001	2,974,757	58,756
Edmonton.....	3,732,312	4,723,655	991,343
Lethbridge.....	891,029	1,510,401	619,372
Prince Rupert.....	Not operating	1,155,662	1,155,662
	13,164,522	22,804,292	9,639,774

Restricted movement of grain due to existing marketing conditions and consequent lack of storage space at terminal points resulted in a larger than normal carry over in the interior elevators at the end of the crop year, the amount in store on July 31, 1940, being 13,683,637 bushels.

All buildings, machinery, equipment and trackage have been maintained in good condition, expenditures for this purpose being included in operating costs. Fire extinguishers were supplied to all elevators and distributed throughout the premises.

Major repairs and replacements at the several points included the following items—

BUILDINGS, ETC.

Port Arthur—Repairs to concrete dock, steel sheet piling and timber revetment. Concrete lining in receiving leg pit.

Edmonton—New steel smokestack on Drier Boilerhouse.

Prince Rupert—Replacement of gravel and rock fill eroded by tidal action. Repairs to siding of dock warehouse.

EQUIPMENT

Port Arthur— 4 chain drives replaced.

1,600 leg buckets replaced.

3 Leg Belts and 2 Conveyor Belts replaced.

Repairs to spouting and dust collecting equipment.

Moose Jaw— 12 new oil casings for chain drives.

Repair parts for chain drives.

2 Leg Belts replaced.

400 Elevator Buckets replaced.

Car Haul cables replaced.

New Voltage Regulator installed.

Saskatoon— Tubes in 1 drier boiler replaced.

4 Leg Belts replaced.

Repair parts for chain drives.

Calgary— 3 Leg Belts replaced.

Spouting replaced and five new transfer spouts installed.

TRADE AND COMMERCE

TRACKAGE

Trackage replacements were made as follows—

Port Arthur—	550 Treated Track Ties.
Moose Jaw—	1,500 Track Ties. 3 sets Switch Ties.
Saskatoon—	1,800 Track Ties. 78 Switch Ties.
Calgary—	600 Track Ties (500 treated).
Edmonton—	1,500 Treated Track Ties. 2 sets Switch Ties. 15 Cars Ballast.
Lethbridge—	600 Track Ties.

STAFFS

Staffs at all points were maintained at the minimum of requirements, the following changes being necessary during the year—

- 1 Permanent employee was retired on account of age and one dismissed.
- 1 Temporary employee was retired on account of ill-health. One temporary employee died and three resigned.
- 1 Permanent and two temporary employees are on leave for military service.

To take care of the above vacancies—

- 1 Permanent and six temporary employees were transferred and three employees appointed on temporary basis.

RESULTS OF OPERATION

The greatly increased volume of grain received at the operated elevators as compared with the preceding year resulted in an increase in gross earnings of \$432,676.24 to \$926,401.02. The surplus of revenue at all elevators over all expenditures was \$618,178.92, an increase of \$349,829.70 over the previous year. These figures do not include any provision for depreciation of plants and equipment, but, as stated earlier in this report, these have all been maintained in good condition, expenditures being included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN., December 28, 1940.

THE SECRETARY,
The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I have the honour to submit the following report on the Grain Research Laboratory for the year 1940.

From the point of view of the laboratory, the characteristic feature of the year was the slow movement of the 1940 crop. This made it impossible to obtain, early in the season, representative samples of wheat and other grains, by normal methods. This difficulty was overcome, through the co-operation of many individuals, firms and institutions, by collecting several thousand samples from farmers and country elevators all over Western Canada. Study of these individual samples, and of composite samples prepared therefrom, provided adequate information for presentation to the Western Committee on Grain Standards, and for the preparation of the usual surveys and reports dealing with the quality characteristics of various crops.

Among problems peculiar to the 1940 wheat crop, the greater prevalence of "split" wheat and of "blackpoint" infection proved most important. The results of laboratory studies on the former type of damage, and of a survey of the problem as it affected domestic mills, were given considerable publicity by means of press articles, radio talks, and farmers' meetings held at Vulcan, Alberta, and La Fleche, Saskatchewan. "Blackpoint" infection subsequently appeared less important than was at first anticipated. Though more widespread than usual, it was generally associated with immaturity and few ears of wheat were degraded for "blackpoint" alone.

As in previous years, assistance was given to the Inspection Branch in the preparation of tentative standard and tentative export standard samples of hard red spring and durum wheats. More wheat than usual of both the 1939 and 1940 wheats was dried commercially and the necessity for making milling and baking tests, as a guide to grading, on many samples of dried wheat and of corresponding check samples, provided the most time-consuming work undertaken for the Inspection Branch. The remaining studies, undertaken at the direct request of the Chief Inspector, were of a minor nature. These included studies of: the quality of red winter wheat grown in British Columbia; three new varieties of red winter wheat developed in Ontario; average samples of grades 1 and 2 Northern in store at Prince Rupert; taint in wheat cleaned from carlots of flax and in wheat treated with a contact insecticide; and examinations of samples of dust and screenings, undertaken in connection with surveys designed to forestall possible outbreaks of serious insect infestations of stored grain.

Working in co-operation with other laboratories, under the Associate Committee on Grain Research, investigations of the quality of new varieties of hard red spring wheat, durum wheat and oil seeds, were continued. Assistance was given to other institutions and government departments by making series of routine determinations of the quality of: flax samples for the Cereal Division, Central Experimental Farm, Ottawa; sunflower hybrids and new lines of sweet

clover, for the University of Saskatchewan; melilot tainted wheats, for the University of Manitoba; flours bought by the British War Office, for the Commercial Intelligence Service; and of wheat samples, for individual western farmers.

The collection of complete data on the 1939 crop, and on grain moving during the 1939-40 crop year, was carried on along usual lines. While the collection of adequate preliminary data on the 1940 crops involved certain difficulties noted above, it was found possible to publish the usual surveys and reports somewhat earlier than usual. Seven statements on crop quality, three including wheat protein maps, were released to the daily press, and most of the laboratory's mimeographed reports were also summarized in the daily press and in trade journals.

In the analytical laboratory, considerable time was devoted to—the summarizing of the data collected in twelve annual surveys of the protein content of wheat; a study of the utility and accuracy of the Tag-Heppenstall moisture meter; and to the improvement of the punch card and tabulation systems used for handling large numbers of data. The chief research project in the milling and baking laboratories dealt with the utility of physical dough testing equipment (Chopin Alveograph, Brabender Extensograph and Farinograph) for evaluating the quality of commercial shipments of Canadian wheat. Time was also found to rebuild the experimental mill and to design and install a new baking oven. The appointment of Dr. R. L. Cunningham to take charge of the durum wheat laboratory stimulated research in that branch and good progress is being made in the development of a micro-test for macaroni-making quality. With the establishment, at the University of Saskatchewan, of a new oil seeds laboratory of the Associate Committee on Grain Research, it seemed best to confine the work on oil seeds in the Board's laboratory to routine studies of crop quality and to such routine analyses as were required by Canadian plant breeders. In future, research investigations in this field will be left to the new laboratory.

During 1940 the laboratory submitted thirty-nine reports to the Board, twelve of which were also released to the public. In addition the following two scientific papers were published:—

1. W. F. Geddes, W. J. Eva, and Nancy Milton. The relation between the protein content of Western Canadian hard red spring wheat, Amber Durum wheat and barley. *Sci. Agr.* 20: 399-607. 1940.
2. W. F. Geddes, T. R. Aitken, and M. H. Fisher. The relation between the normal farinogram and the baking strength of Western Canadian wheat. *Cereal Chem.* 17: 528-551. 1940.

A detailed report on the work of the Grain Research Laboratory has been prepared. In accordance with past precedent, it is recommended that this report be published separately with the object of putting on record data on the quality of the more important Canadian grain crops, and progress reports on laboratory investigations.

Respectfully submitted.

J. A. ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR THE FISCAL
YEAR ENDING MARCH 31, 1940

(a) WINNIPEG—

Revenue—

Licence Fees.....		\$	30,980 00
Registration Fees.....	\$	12,913 60	
Cancellation Fees.....		11,165 56	
			24,079 16
Inspection Fees.....	191,666 60		
Samples Sold.....	5,658 65		
Cargo Certificates Split.....	175 60		
Sampling Fees.....	329 60		
Refund Express.....	2,110 25		
Sundries.....	888 00		
			200,828 70
Appeal Fees.....			3,489 00
Weighing Fees.....	13,616 03		
Condition Reports.....	302 50		
			13,918 53
		\$	273,295 39

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	33,620 00
Secretary's Office.....	10,680 74
Licence and Bonding.....	11,131 58

Rents—

Executive Office.....	3,226 80
Licence and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	3,325 36
-----------------------	----------

General Expenses—

Grain Commission.....	6,009 79
Licence and Bonding.....	677 22

Printing and Stationery—

Grain Commission.....	2,093 78
Licence and Bonding.....	2,141 38

Assistant Commissioner's Office—

Salaries.....	8,880 00
Rent.....	543 12
Travelling Expenses.....	509 61
General Expenses.....	166 29
Printing and Stationery.....	27 78

87,037 89

Grain Research Laboratory—

Salaries.....	31,204 63
Rent.....	7,819 20
Travelling Expenses.....	762 30
General Expenses.....	9,985 10
Printing and Stationery.....	2,375 96

52,147 19

Registration Branch—

Salaries.....	12,900 00
Rent.....	1,381 44
General Expenses.....	448 41
Printing and Stationery.....	91 49

14,821 34

Accounts—

Salaries.....	5,940 00
Travelling Expenses.....	
General Expenses.....	133 94
Printing and Stationery.....	414 78

6,488 72

Inspection Branch—

Salaries.....	244,801 41
Rent.....	15,848 60
Travelling Expenses.....	567 81
General Expenses.....	27,378 15
Printing and Stationery.....	3,544 75

292,140 72

Weighing Branch—

Salaries.....	34,070 10
Rent.....	1,397 16
Travelling Expenses.....	112 90
General Expenses.....	414 29
Printing and Stationery.....	381 23

36,375 68

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Continued*

(a) WINNIPEG—*Con.**Expenditure—Con.*

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	369 12	
General Expenses.....	2,314 50	
Printing and Stationery.....	22 10	
	<hr/>	7,085 72

Grain Standards Committee—

Travelling Expenses.....	1,395 05	
General Expenses.....	1,600 00	
	<hr/>	2,995 05

\$ 499,142 31

(b) CHURCHILL—

Revenue—

Inspection Fees.....	2,010 00	
Weighing Fees.....	3,089 00	
	<hr/>	5,099 00

Expenditure—

Inspection Branch—

Salaries.....	2,427 29	
Travelling Expenses.....	1,189 26	
General Expenses.....	25 35	
	<hr/>	3,641 90

Weighing Branch—

Salaries.....	3,223 38	
Travelling Expenses.....	1,541 70	
General Expenses.....	4 58	
	<hr/>	4,769 66

8,411 56

(c) KEEWATIN—

Revenue

Inspection Fees.....		
Weighing Fees.....	5,927 00	
	<hr/>	5,927 00

Expenditure—

Salaries—Inspection.....	1,239 00	
Salaries—Weighing.....	4,920 00	
General Expenses.....	54 00	
	<hr/>	4,974 00

6,213 00

(d) SASKATOON—

Revenue—

Inspection Fees.....	8,337 60	
Samples Sold.....	284 13	
Sundries.....	9 00	
	<hr/>	8,630 73
Weighing Fees.....	10,665 32	
	<hr/>	19,296 05

Expenditure—

Assistant Commissioner's Office—

Salaries.....	9,120 00	
Travelling Expenses.....	448 01	
General Expenses.....	95 36	
Printing and Stationery.....	26 58	
	<hr/>	9,689 95

Inspection Branch—

Salaries.....	12,437 81	
Rent.....	877 00	
Travelling Expenses.....	285 65	
General Expenses.....	570 01	
Printing and Stationery.....	213 41	
	<hr/>	14,383 88

Weighing Branch—

Salaries.....	10,698 70	
Travelling Expenses.....	293 70	
General Expenses.....	9 90	
Printing and Stationery.....	28 62	
	<hr/>	11,030 92

35,104 75

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Continued*

*(e) MOOSE JAW—**Revenue—*

Inspection Fees.....	9,252 90	
Samples Sold.....	372 99	
Sundries.....	11 50	
	<hr/>	
Weighing Fees.....		9,637 39
		<hr/>
		11,055 95

20,693 34

*Expenditure—**Inspection Branch—*

Salaries.....	12,019 71	
Rent.....	900 00	
Travelling Expenses.....	139 05	
General Expenses.....	651 38	
Printing and Stationery.....	218 34	
	<hr/>	
		13,928 48

Weighing Branch—

Salaries.....	8,020 33	
General Expenses.....	31 60	
	<hr/>	
		8,051 93

21,980 41

*(f) MEDICINE HAT—**Revenue—*

Inspection Fees.....	2,310 60	
Samples Sold.....	89 82	
	<hr/>	
Weighing Fees.....		2,400 42
		<hr/>
		4,173 00

6,573 42

*Expenditure—**Inspection Branch—*

Salaries.....	3,961 72	
Rent.....	240 00	
General Expenses.....	170 74	
Printing and Stationery.....	52 93	
	<hr/>	
		4,425 39

Weighing Branch—

Salaries.....	4,719 00	
	<hr/>	
		4,719 00

9,144 39

*(g) LETHERBRIDGE—**Revenue—*

Inspection Fees.....	1,402 60	
Samples Sold.....	64 89	
Sundries.....	132 00	
	<hr/>	
Weighing Fees.....		1,599 49
		<hr/>
		1,320 50

2,919 99

*Expenditure—**Inspection Branch—*

Salaries.....	4,272 15	
Travelling Expenses.....		
General Expenses.....	47 11	
Printing and Stationery.....	1 38	
	<hr/>	
		4,320 64

Weighing Branch—

Salaries.....	4,050 00	
General.....	5 15	
	<hr/>	
		4,055 15

8,375 79

*(h) CALGARY—**Revenue—*

Inspection Fees.....	16,123 40	
Samples Sold.....	473 62	
Refund Express.....	89 00	
Sundries.....	420 50	
	<hr/>	
Weighing Fees.....		17,106 52
		<hr/>
Appeal Fees.....		10,295 76
		<hr/>
		732 00

28,134 28

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Continued*

(h) CALGARY—*Con.**Expenditure—*

Assistant Commissioner's Office—

Salaries.....	8,925 00	
Rent.....	832 96	
Travelling Expenses.....	531 91	
General.....	269 37	
Printing and Stationery.....	13 51	
		10,572 75

Inspection Branch—

Salaries.....	32,133 18	
Rent.....	3,001 00	
Travelling Expenses.....	76 95	
General.....	2,100 76	
Printing and Stationery.....	406 55	
		37,718 44

Weighing Branch—

Salaries.....	17,244 44	
Rent.....	314 04	
Travelling Expenses.....	140 50	
General.....	198 89	
Printing and Stationery.....	74 02	
		17,971 89

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	420 00	
General Expenses.....	604 25	
Printing and Stationery.....	16 76	
		5,640 97

71,904 05

(i) PRINCE RUPERT

Revenue—

Inspection Fees.....	39 30	
Samples Sold.....	42 22	
		81 52
Weighing Fees.....		664 00
		745 52

Expenditure—

Inspection Branch—

Salaries.....	1,123 69	
Travelling Expenses.....	387 30	
General Expenses.....	14 00	
		1,524 99

Weighing Branch—

Salaries.....	1,049 67	
General Expenses.....	10 50	
		1,060 17
		2,585 16

(j) EDMONTON—

Revenue—

Inspection Fees.....	19,730 55	
Samples Sold.....	493 27	
Refund Express.....	108 25	
Sundries.....	312 00	
		20,653 07
Weighing Fees.....		7,914 85
Appeal Fees.....		561 00
		29,128 92

Expenditure—

Inspection Branch—

Salaries.....	41,980 09	
Rent.....	3,789 00	
Travelling Expenses.....	57 20	
General Expenses.....	1,973 21	
Printing and Stationery.....	348 09	
		48,147 59

Weighing Branch—

Salaries.....	10,460 00	
General Expenses.....	89 78	
Printing and Stationery.....	38 09	
		10,587 87

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	510 00	
General Expenses.....	459 34	
Printing and Stationery.....	18 50	
		5,587 80

64,323 26

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Continued*

(k) VANCOUVER—

Revenue—

Inspection Fees.....	21,677 75	
Samples Sold.....	1,106 64	
Cargo Certificate Splits.....	1 00	
Sundries.....	6 00	
	<hr/>	
Weighing Fees.....		22,791 39
Registration Fees.....	1,129 04	38,434 35
Cancellation Fees.....	853 08	
	<hr/>	1,982 12

63,207 86

*Expenditure—**Inspection Branch—*

Salaries.....	65,059 10	
Rent.....	4,239 00	
Travelling Expenses.....	18 95	
General Expenses.....	1,932 24	
Printing and Stationery.....	493 68	
	<hr/>	75,742 97

Weighing Branch—

Salaries.....	71,824 84	
Rent.....	1,659 00	
General Expenses.....	831 23	
Printing and Stationery.....	573 44	
	<hr/>	74,888 51

Registration Branch—

Salaries.....	5,760 00	
Rent.....	1,092 00	
Travelling Expenses.....	109 30	
General Expenses.....	196 06	
Printing and Stationery.....	26 52	
	<hr/>	7,183 88

157,815 36

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	264,611 55	
Samples Sold.....	6,342 56	
Cargo Certificate Splits.....	2 50	
	<hr/>	270,956 61
Weighing Fees.....		448,755 55
		<hr/>

719,712 16

*Expenditure—**Inspection Branch—*

Salaries.....	321,365 51	
Rent.....	12,176 88	
Travelling Expenses.....	2,077 92	
General Expenses.....	7,770 23	
Printing and Stationery.....	5,183 48	
	<hr/>	348,574 02

Weighing Branch—

Salaries.....	242,163 80	
Rent.....	2,929 68	
Travelling Expenses.....	7,254 37	
General Expenses.....	3,323 21	
Printing and Stationery.....	3,650 00	
	<hr/>	259,326 06

Assistant Commissioner's Office—

Salaries.....	8,190 00	
Rent.....	540 00	
Travelling Expenses.....	102 85	
General Expenses.....	208 95	
	<hr/>	9,041 80

Statistical Branch—

Salaries.....	39,427 93	
Rent.....	3,285 00	
Travelling Expenses.....	218 15	
General Expenses.....	2,857 05	
Printing and Stationery.....	1,942 33	
	<hr/>	47,730 46

664,672 34

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Continued*

(m) TORONTO—

Revenue—

Inspection Fees.....	1,425 23	
Sampling Fees.....	35 72	
Samples Sold.....	17 64	
Cargo Certificate Splits.....	13 30	
		<hr/>
Appeal Fees.....		1,491 89
		3 00
		<hr/>

1,494 89

*Expenditure—**Inspection Branch—*

Salaries.....	4,920 00	
Rent.....	540 00	
Travelling Expenses.....		
General Expenses.....	327 91	
		<hr/>
		5,787 91

5,787 91

(n) MONTREAL—

Revenue—

Inspection Fees.....	2,775 40	
Sampling Fees.....	2,129 23	
Samples Sold.....	79 92	
Cargo Certificate Splits.....	856 70	
		<hr/>
		5,841 25

Registration Fees.....	2,990 84	
Cancellation Fees.....	2,862 75	
		<hr/>
		5,853 59

Weighing Fees.....		4 00
		<hr/>

11,698 84

*Expenditure—**Inspection Branch—*

Salaries.....	35,279 12	
Rent.....	1,940 04	
Travelling Expenses.....	2,120 45	
General Expenses.....	1,008 35	
Printing and Stationery.....	568 27	
		<hr/>
		40,916 23

Registration Branch—

Salaries.....	4,425 00	
Rents.....	420 00	
General Expenses.....	155 47	
Printing and Stationery.....	8 50	
		<hr/>
		5,008 97

45,925 20

(o) CHATHAM—

Revenue—

Inspection Fees.....	2,266 85	
Samples Sold.....	85 79	
Sampling Fees.....	4,344 00	
		<hr/>
		6,696 64

6,696 64

*Expenditure—**Inspection Branch—*

Salaries.....	6,209 95	
Rents.....	300 00	
Travelling Expenses.....	4,592 95	
General Expenses.....	416 27	
Printing and Stationery.....	1 00	
		<hr/>
		11,520 17

11,520 17

(p) THE PAS—

Revenue—

Inspection Fees.....	1,079 00	
Samples Sold.....	13 00	
		<hr/>
		1,092 00

1,092 00

*Expenditure—**Inspection Branch—*

Salaries.....	1,925 19	
Rents.....	100 00	
Travelling Expenses.....	781 60	
General Expenses.....	11 51	
		<hr/>
		2,818 30

2,818 30

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1940—*Concluded*

(q) VICTORIA—

Revenue—

Inspection Fees.....	1,170 90	
Samples Sold.....	39 25	
	<hr/>	1,210 15
Weighing Fees.....		1,633 90
		<hr/>
		2,844 05

Expenditure—

Inspection Branch—

Salaries.....	2,863 81	
Travelling Expenses.....		
General Expenses.....	20 45	
	<hr/>	2,884 26

Weighing Branch—

Salaries.....	3,071 30	
Travelling Expenses.....	61 70	
	<hr/>	3,133 00
		<hr/>
		6,017 26

(r) DULUTH—

Expenditure—

Inspection Branch—

Salaries.....	1,903 97	
Travelling Expenses.....	817 76	
General Expenses.....	59 36	
	<hr/>	
		2,781 09

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection	Weighing	Appeal Boards	Regis- tration	Commis- sion	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Winnipeg.....	200,828 70	13,918 53	3,489 00	24,079 16	30,980 00					273,295 39
Churchill.....	2,010 00	3,089 00								5,099 00
Keewatin.....		5,927 00								5,927 00
Saskatoon.....	8,630 73	10,665 32								19,296 05
Moose Jaw.....	9,637 39	11,055 95								20,693 34
Medicine Hat.....	2,400 42	4,173 00								6,573 42
Lethbridge.....	1,599 49	1,320 50								2,919 99
Calgary.....	17,106 52	10,295 76	732 00							28,134 28
Edmonton.....	20,653 07	7,914 85	561 00							29,128 92
Vancouver.....	22,791 39	38,434 35		1,982 12						63,207 86
Fort William.....	270,956 61	448,755 55								719,712 16
Toronto.....	1,491 89		3 00							1,494 89
Montreal.....	5,841 25	4 00		5,853 59						11,698 84
Chatham.....	6,696 64									6,696 64
The Pas.....	1,092 00									1,092 00
Victoria.....	1,210 15	1,633 90								2,844 05
Prince Rupert.....	81 52	604 00								745 52
	573,027 77	557,851 71	4,785 00	31,914 87	30,980 00					1,198,559 35

GRAIN COMMISSION

65

EXPENDITURE

Winnipeg.....	292,140 72	36,375 68	7,085 72	14,821 34	87,087 89	.....	6,488 72	52,147 19	2,995 05	499,142 31
Churchill.....	3,641 90	4,769 66	.....	.....	.....	.....	.....	.....	.....	8,411 56
Keewatin.....	1,239 00	4,974 00	.....	.....	.....	.....	.....	.....	.....	6,213 00
Saskatoon.....	14,383 88	11,030 92	.....	.....	9,689 95	.....	.....	.....	.....	35,104 75
Moose Jaw.....	13,928 48	8,051 93	.....	.....	.....	.....	.....	.....	.....	21,980 41
Medicine Hat.....	4,425 39	4,719 00	.....	.....	.....	.....	.....	.....	.....	9,144 39
Lethbridge.....	4,320 64	4,055 15	.....	.....	.....	.....	.....	.....	.....	8,375 79
Calgary.....	37,718 44	17,971 89	5,640 97	.....	10,572 75	.....	.....	.....	.....	71,904 05
Edmonton.....	48,147 59	10,587 87	5,587 80	.....	.....	.....	.....	.....	.....	64,323 26
Vancouver.....	75,742 97	74,888 51	.....	7,183 88	.....	.....	.....	.....	.....	157,815 36
Fort William.....	348,574 02	259,326 06	.....	.....	9,041 80	47,730 46	.....	.....	.....	664,672 34
Toronto.....	5,787 91	.....	.....	.....	.....	.....	.....	.....	.....	5,787 91
Montreal.....	40,916 23	.....	.....	5,008 97	.....	.....	.....	.....	.....	45,925 20
Chatham.....	11,520 17	.....	.....	.....	.....	.....	.....	.....	.....	11,520 17
The Pas.....	2,818 30	.....	.....	.....	.....	.....	.....	.....	.....	2,818 30
Victoria.....	2,884 26	3,133 00	.....	.....	.....	.....	.....	.....	.....	6,017 26
Prince Rupert.....	1,524 99	1,060 17	.....	.....	.....	.....	.....	.....	.....	2,585 16
Duluth.....	2,781 09	.....	.....	.....	.....	.....	.....	.....	.....	2,781 09
	912,495 98	440,943 84	18,314 49	27,014 19	116,392 39	47,730 46	6,488 72	52,147 19	2,995 05	1,624,522 31

Total Expenditure.....\$ 1,624,522 31

Total Revenue.....1,198,559 35

Net Deficit.....\$ 425,962 96

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1940 Regulations Nos. 22, 37, 38, 39, 40, 41 and 45 were amended and new Regulations Nos. 52 and 53 necessitated by the 1939 amendments to the Canada Grain Act were issued.

The Regulations of the Board in effect at December 31, 1940, are as follows:

- No. 1. Registration and Cancellation of Terminal Warehouse Receipts.
4. Inspection of Samples taken other than at an Inspection Point.
8. Inspection and Grading of Grain After Treatment.
11. Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals as amended.
14. Construction of Elevators.
21. Cleaning Grain and Bins.
22. Fees.
23. Form of Terminal Warehouse Receipt.
35. Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
36. Delivery of Grain to Ocean Vessels at Montreal.
37. Maximum Tariff of Charges and Shrinkage Allowances for Licensed Country Elevators.
38. Maximum Tariff of Charges, Terminal Elevators at Fort William-Port Arthur and Winnipeg.
39. Maximum Tariff of Charges, Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
40. Maximum Tariff of Charges, Terminal Elevators West of Calgary.
41. Maximum Tariff of Charges at the Terminal Elevator at Churchill, Man.
42. Maximum Tariff of Charges for handling Grain at Eastern Elevators.
43. Procedure—Country Elevators.
44. Drying of Grain.
45. Records, Reports and Returns.
46. Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
47. Inspection of Grain at The Pas, Manitoba.
48. Names and Definitions of "Off Grades" for Western Grain.
49. Names and Definitions of "Off Grades" for Eastern Grain.
50. Names and Definitions of Grades for Screenings.
51. Receipt of Wheat into Licensed Country Elevators from Railway Cars.
52. Binning of Tough Wheat with Straight Grade Wheat.
53. Enforcement of Lien by Sale of Grain.

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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MACKINNON, M.P.

Deputy Minister
L. D. WILGRESS

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1941



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1942

Price, 25 cents



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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
L. D. WILGRESS

ANNUAL REPORT

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FOR THE YEAR

1941



OTTAWA
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1942

TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Storage Problems.....	5-6
Car Distribution.....	6
Mite Infestation.....	6
Canadian Government Elevators.....	6
Weigh-overs in Terminal Elevators.....	6-7
Insurance—Eastern Elevators.....	7
Tariff Meetings.....	7
Lake Freight Rates.....	7
Assistant Commissioners.....	8
Committees on Grain Standards.....	8
Wheat Bonus.....	8
The Prairie Farm Assistance Act, 1939.....	8
Expenditures and Revenues.....	8
Personnel.....	8-9
APPENDICES:	
No. 1—Report of Secretary.....	10
(a) Complaints.....	10-11
(b) Prosecutions.....	11
(c) Defaults.....	11
(d) Cars Out of Turn.....	11
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	11
(f) Report of Warehouseman.....	11-13
(g) Summary of Licences Past Twenty Years.....	14
(h) Grain Loading Platforms.....	15
(i) Prairie Farm Assistance Act—One Per cent Levy.....	15
(j) Report of Statistician.....	15-26
(k) Annual Weighup—Terminal Elevators.....	27-32
No. 2—Personnel—Committees on Grain Standards.....	33
3—Personnel—Grain Appeal Tribunals.....	34
4—Report of Registrar.....	35-36
5—Report of Chief Grain Inspector.....	36-44
6—Report of Chief Grain Weighmaster.....	45-49
7—Report of General Manager, Canadian Government Elevators.....	50-52
8—Report of Chief Chemist.....	53-54
9—Report of Revenue and Expenditure.....	55-63
10—Regulations of the Board.....	64

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MAN., January 19, 1942.

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to present herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1941, in conformity with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions generally were much less favourable in Western Canada in 1941 than they were in 1940. All cereal grains show a reduced yield per acre. The total yield of wheat in the prairie provinces in 1941 is officially estimated at 282,000,000 bushels, compared with the 1940 total of 525,000,000 bushels. The wheat acreage in 1941 was 21,551,000 acres, or lower by 22 per cent than the record acreage of 27,750,000 acres in 1940. The average yield per acre of 13.3 bushels was 30 per cent lower than the average yield of 18.9 bushels per acre in 1940. The total yield of barley in 1941 is estimated at 117,619,000 bushels, an increase of 13,363,000 bushels over the 1940 total. Barley acreage in 1940 was 3,622,000 acres as against 4,882,000 acres in 1941. While there were also increases in the acreages sown to oats and rye, there was a reduction in their total yield. Flax acreage increased from 372,700 acres to 940,000 acres. The yield increased from 3,049,000 bushels to 6,473,000 bushels. The great reduction in the wheat crop markedly reduced the difficulties anticipated incidental to its primary delivery, transportation and warehousing.

STORAGE PROBLEMS

On December 31, 1940 the total licensed warehouse capacity in Canada amounted to 516,929,011 bushels. On January 3, 1941 grain in store in Canadian elevators was reported to amount to 430.5 million bushels. Over 165 million bushels of the 1940 wheat crop still remained in farmers' hands waiting to be marketed. These facts considered in connection with what could be ascertained about probable exports for the remainder of the 1940-41 crop year period and probable deliveries for the crop of 1941, led to the conclusion that steps should be taken to avert a possible shortage of storage space when farmers began deliveries of the 1941 crop. As a result of this situation an agreement was entered into between the Dominion Government and the elevator companies operating elevators at Fort William and Port Arthur (P.C. 1225) for the construction of temporary storage facilities.

Under this arrangement temporary storage annexes with a total capacity of 51,963,000 bushels were built at these ports. The terms of the Order in Council were also made applicable to Eastern elevators with the proviso that the rate of storage paid for wheat stored in eastern temporary storage facilities should be the same as the rate paid at Fort William-Port Arthur. In the

Eastern Division two temporary storage annexes were erected, one at Sarnia with a capacity of 3,072,000 bushels, and one at Three Rivers with a capacity of 3,000,000 bushels. As a result of the small crop and the additional storage space provided, no serious difficulties have arisen in connection with storage for the 1941 crop. As at December 31, 1941 the licensed storage capacity in Canada totals 599,726,319 bushels. Grain in store in Canada on January 1, 1942 is reported at 485.3 million bushels.

At the end of 1940 Canadian wheat in store in Duluth amounted to 11,738,447 bushels. During the year this wheat was shipped out and the officers of the Inspection Department of the Board sent to Duluth to grade this grain have been withdrawn.

CAR DISTRIBUTION

With reduced primary deliveries and the additional terminal storage available, the difficulties encountered in the crop year 1940-41 in car distribution have disappeared. Prairie wheat deliveries between August 1 and December 31, 1941 amounted to 149,982,018 bushels, or approximately 53 per cent of the marketings in the same period last year. Cars are now supplied at country shipping points on the basis of the car order book.

Under the provisions of the Act the Board is empowered to grant cars out of turn at shipping points for "grain which has become or is in danger of becoming out of condition." The Board has required that applications for cars under such circumstances shall be accompanied by a properly sworn affidavit setting out the facts of the case. Under the congested conditions of delivery existing in the first nine months of 1941, there appeared to be a tendency on the part of certain grain handling organizations to abuse the privilege of obtaining cars out of turn. With easier shipping conditions in recent months, the problem before the Board of when to permit cars to be supplied out of turn for grain in danger of going out of condition has ceased to be serious.

MITE INFESTATION

On two occasions in the past a mild infestation of mites has occurred in grain stored in elevators in Western Canada. Early in 1941 there were indications that the large quantity of wheat stored under temporary storage conditions was threatened with a serious infestation. The Board took this problem in hand at once and, after consultation with the Dominion Entomologist, arrangements were made for an entomologist (Dr. B. N. Smallman, Lecturer in Zoology, McGill University) to devote his entire time to combating this menace. Various methods were used. The existing organization of the Grain Trade was utilized to develop a wide system of surveillance with a view to checking threatened outbreaks. When mite infestations were discovered, adequate control methods were devised. These measures have been successful in preventing serious losses from mites. This work has been carried out in co-operation with the Board's Grain Research Laboratory.

CANADIAN GOVERNMENT ELEVATORS

All of the Canadian Government Elevators managed under the Board have had a large handling of grain during the past year. Amounts in store as at January 1, 1942 totalled 16,657,111 bushels.

WEIGHOVERS IN TERMINAL ELEVATORS

On account of the congestion of stocks in terminal and eastern elevators, the weighing over of wheat and other grains in these elevators has been attended with great difficulties. In a number of instances it was found necessary to estimate the stocks in the bins. Where this proved to be the situation, in accordance with P.C. 5298, an additional bond in the amount of 15 per cent

of the present bond was required of the operators. With some reductions in stocks in terminal elevators at the Head of the Lakes in December, 1941, weighing over operations have begun where possible.

On applying the provisions of Sections 138 and 138a of the Canada Grain Act to the results of the audit at the elevators where stocks were actually weighed over excessive overages were disclosed at one terminal elevator and at two eastern elevators. Settlement was made to the Board by the licensees for these excessive overages in the amounts of \$95.40, \$1,272.03 and \$1,140.85 respectively.

INSURANCE OF STOCKS OF GRAIN IN EASTERN ELEVATORS

The provisions of Section 102 of the Canada Grain Act requiring the manager of every licensed public and semi-public elevator in the Western Division to keep all grain in such elevators fully insured by companies approved by the Board against loss or damage by fire were made applicable to Eastern Elevators by an Order in Council (P.C. 2393) passed on the 7th day of April, 1941. This has added materially to the work of the Board's Statistician in making certain that full fire insurance cover is carried on all grain stored in Eastern Elevators. In this connection certain difficulties have arisen in determining the basis of valuation of grain stored at different ports and under different traffic conditions at different seasons of the year. At the present time consultations are in progress between representatives of the Eastern elevator operators and the insurance underwriters with a view to devising a policy that will be satisfactory to all parties concerned.

TARIFF MEETINGS

Due to the fact that as part of the arrangements covering the erection of temporary storage facilities at Port Arthur and Fort William it was agreed (P.C. 1225) no reduction should be made before the 31st day of July, 1943 in the prevailing tariffs of charges in effect for the elevation, storage and handling of grain at terminal or country elevators, the Board did not hold the usual public meetings at Vancouver and Winnipeg to hear representations on the matter of charges. The Board held the usual meeting at Toronto in July in connection with eastern tariffs. At this meeting representations were made by some operators of eastern elevators for an increase in rates due to Order in Council P.C. 2393 requiring eastern elevator managers to keep grain fully insured against loss or damage by fire. No increase was granted by the Board.

LAKE FREIGHT RATES

In the spring of 1941 on account of the heavy movement in iron ore and coal arising out of the war, acute competition developed on the Great Lakes for shipping space with a rapid increase in rates on wheat from Port Arthur and Fort William to the Bay and Lower Lake Ports. Late in May, the rate for the carriage of wheat from Port Arthur and Fort William to the Bay Ports reached 4 cents per bushel, with 5½ cents per bushel for the carriage of wheat to Port Colborne. On June 7 the Board established a maximum rate for carrying wheat of 3½ cents per bushel to Bay Ports, Goderich and/or Sarnia, 4 cents per bushel to Port Colborne, 5 cents per bushel to Kingston and/or Prescott, and 8 cents per bushel to Montreal and other St. Lawrence Ports. No maximum rates had hitherto been established on the carriage of wheat except to Montreal and St. Lawrence Ports where the previous maximum rate authorized was 7 cents per bushel. On account of increased insurance costs after November 30 the Board in October provided that during the month of December, 1941, the schedule of maximum rates on wheat to the Bay and Lower Lake Ports might be increased by 2 cents per bushel.

TRADE AND COMMERCE

ASSISTANT COMMISSIONERS

The number of complaints investigated by the Assistant Commissioners during 1941 shows a falling off over previous years. Apart from the investigation of farmers' complaints, a number of investigations on the initiation of the Board were conducted by the Assistant Commissioners concerning matters such as applications for cars out of turn and the inspection of buildings for special licences. In addition to these duties, the usual inspection of country elevators at various points in each province was carried out.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1941-42 were constituted by the Board in accordance with Section Twenty-five of the Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 23, 1941, and the Eastern Committee at Toronto on November 13, 1941, and at Montreal on November 14, 1941.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Twenty-three Dollars and Thirty-five Cents (\$23.35) were redeemed during the past year. Outstanding certificates still remain in the amount of Eight Thousand, Three Hundred and Thirteen Dollars and Ninety-eight Cents (\$8,313.98).

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued under the Prairie Farm Assistance Act, 1939 to collect one per cent (1%) of the net value of grain marketed in the three western provinces. During the crop year ended July 31, 1941 the sum of Two Million, Five Hundred and Eighty-two Thousand, Six Hundred and Eighty-seven Dollars and Eighty-seven Cents (\$2,582,687.87) was collected. Returns for the first four months in the current crop year are \$762,329.91.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1940-41 was \$1,553,423.30 compared with \$1,624,522.31 for the previous fiscal year. Revenue for the fiscal year 1940-41 was \$919,500.74 compared with \$1,198,559.35 for the previous fiscal year, a decrease of \$279,058.61.

For the first nine months of the current fiscal year the total expenditure was \$28,555.07 more than in the corresponding period in the previous fiscal year, and the revenue for the same period shows an increase of \$283,732.42 over the same period last year.

PERSONNEL

During the year the following senior officers of the Board, having reached the age of sixty-five years, retired:

James D. Fraser, Chief Grain Inspector—41 years' service.

Malcolm McRitchie, Superintendent of the Edmonton Canadian Government Elevator—27 years' service.

John Watson, Chairman, Grain Appeal Tribunal, Calgary—30 years' service.

George R. Eltherington, Superintendent of the Lethbridge Canadian Government Elevator, died on November 23, 1941. Mr. Eltherington was an employee of the Board for 26 years.

Mr. F. S. Ludlam, Assistant Chief Grain Inspector, was promoted to fill the position of Chief Grain Inspector. Mr. Ludlam entered the service of the Board March 1, 1907.

Mr. E. B. Ramsay, who was appointed Chief Commissioner of the Board in 1929, found it necessary to resign on account of ill health at the close of 1941.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA, January 6, 1942.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the Year 1941:—

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars Out of Turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Licences issued, Crop Year 1940-41.
- (g) Licences issued during past 20 years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per cent Levy.
- (j) Report of Statistician.
- (k) Annual Weigh-over, Terminal Elevators.

Yours truly,
J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1941, there were investigated by the Board fifty-three (53) complaints, together with five (5) outstanding at December 31, 1940, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under the Canada Grain Act, as follows:—

Manitoba.....	19
Saskatchewan.....	10
Alberta.....	24
Outstanding at December 31, 1940.....	5
	<hr/> 58

Summary of disposition of Country Complaints:—

No grounds for complaint.....	17
Complaint withdrawn.....	12
Settlement effected between parties.....	18
Outside jurisdiction of Board.....	5
Settlement ordered.....	3
Not yet disposed of.....	3
	<hr/> 58

MISCELLANEOUS COMPLAINTS

During the year under review three complaints were received by the Board in respect to the shipment of grain from terminal elevators, these being disposed of as under:—

Complaint withdrawn.....	1
No grounds for complaint.....	1
Settlement effected.....	1
	<hr/>
	3

EXPORT SHIPMENTS

During the year 1941 four (4) complaints, two (2) in respect to quality of grain and two (2) regarding shortages, were received in respect to overseas shipments. These, together with one (1) complaint outstanding at December 31, 1940, were investigated and disposed of as follows:—

Complaint re quality of grain upheld and settlement made.....	1
Complaint re quality of grain withdrawn.....	1
Complaints re shortages not upheld.....	3
	<hr/>
	5

(b) PROSECUTIONS

No prosecutions were instituted by the Board during the Year 1941.

(c) DEFAULTS

There were no defaults during the year under review.

(d) CARS OUT OF TURN

Cars out of turn for the shipment of grain from country elevators were ordered by the Board under the provisions of Section 68 of the Canada Grain Act in 1941 as follows:—

Grain out of condition or in danger of becoming so.....	2,413 cars
Elevators in danger of collapse.....	1,418 cars

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Owing to lack of storage space in terminal elevators, the Board, under the provisions of Section 107(a) of the Canada Grain Act, authorized the receipt of wheat from railway cars into country elevators for the conservation of storage in a total of 3,734 carloads during the year 1941. These shipments were made from districts having heavy crops to districts where lighter crops were harvested.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the season of 1940-41.

During the season which commenced on August 1, 1940 and ended on July 31, 1941 one hundred and fifty (150) firms and individuals applied for Licences as required by the provisions of The Canada Grain Act.

Six thousand and fourteen (6,014) applications for Licences to operate regular Elevators were received and five thousand eight hundred and thirty-

seven (5,837) Licences were issued. One hundred and fifty-eight (158) Licences were transferred and nineteen (19) applications were withdrawn for various reasons.

At December 1, 1940, there were 5,797 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,766 in the Western Division and 31 in the Eastern Division; of these 5,727 were in operation under Licence at that date.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	33		33	
Commission Merchants.....	39		39	
Grain Dealers.....	24	3	21	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	39		39	
Private Terminal Elevators.....	11	1	10	
Eastern Elevators.....	31		31	
Mill Elevators.....	38		38	
Private Country Elevators.....	6		6	
Public Country Elevators.....	5,628	14	5,614	
Transfer—Public Country Elevators.....	159	1		158
	6,014	19	5,837	158

In addition to the above referred to applications for regular Elevator Licences, the Board also received and dealt with eight hundred and twenty-three (823) applications for authority to operate off-site buildings as "Special Annexes" under authority of Order in Council P.C. 4215. Thirty-eight of the applications were rejected and/or withdrawn and seven hundred and eighty-five (785) authorities to operate were granted. No fee was required from the applicants but they were required to deposit with the Board Surety Bonds to cover their operations at these off-site buildings.

The total licensed storage capacity as at July 31, 1941 was 546,294,226 bushels; Elevators proper and permanent Annexes comprising 439,529,970 bushels; temporary Annexes 99,657,150 bushels and Special Annexes 7,107,106 bushels.

The following Licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates shown:—

<i>Public Country Elevator Licence No. 6</i>	Melville Milling Company; 30,000 bushel Elevator at Melville, Saskatchewan; cancelled May 19, 1941; Company having ceased business as Public Warehousemen.
<i>Public Country Elevator Licence No. 67</i>	Morden Milling Company; 20,000 bushel Elevator at Haskett, Manitoba; cancelled October 31, 1940; Elevator demolished.
<i>Public Country Elevator Licence No. 78</i>	Northern Grain Company Limited; 20,000 bushel Elevator at Star, Alberta; cancelled August 1, 1940; Elevator not operated and subsequently sold.
<i>Public Country Elevator Licence No. 1267</i>	Gillespie Grain Company Limited; 9,000 bushel Elevator at Winfield, Alberta; cancelled August 1, 1940; Elevator not operated.

<i>Public Country Elevator Licence No. 1635</i>	The Alberta Pacific Grain Company Limited; 35,000 bushel Elevator No. 2 at Turin, Alberta; cancelled August 1, 1940; Elevator not operated.
<i>Public Country Elevator Licence No. 3198</i>	Ogilvie Flour Mills Company Limited; 35,000 bushel Elevator at Edmonton, Alberta; cancelled December 31, 1940; Company changed nature of operations and re-licensed as Mill Elevator.
<i>Public Country Elevator Licence No. 3473</i>	Federal Grain Limited; 20,000 bushel Elevator at Hanley, Saskatchewan; cancelled August 28, 1940; Elevator sold.
<i>Mill Elevator Licence No. 57</i>	Buckerfield's Limited; 200,000 bushel Elevator at Vancouver, B.C.; cancelled November 8, 1940; Elevator taken over by the Pacific Elevators Limited.
<i>Semi-Public Terminal Elevator Licence No. 90</i>	Bawlf Terminal Elevator Company Limited; 2,350,000 bushel Elevator at Port Arthur, Ontario; cancelled December 31, 1940; Company ceased business; Elevator taken over by Federal Grain Limited and re-licensed.
<i>Track Buyer's Licence No. T-105</i>	N. Bawlf Grain Company Limited; cancelled December 14, 1940; Company ceased operations.
<i>Grain Dealer's Licence No. 56</i>	David A. Jamieson of Calgary, Alberta; cancelled June 6, 1941; Licensee deceased.
<i>Grain Dealer's Licence No. 63</i>	Pocock Grain Company of Calgary, Alberta; cancelled December 6, 1940; Company ceased business.
<i>Commission Merchant's Licence No. C-79</i>	N. Bawlf Grain Company Limited; cancelled December 14, 1940; Company ceased operations.

Licence Fees collected amounted to \$31,174.00, of this amount \$126.00 was refunded to applicants on account of applications for Licences having been withdrawn.

Surety Bonds amounting to \$21,004,124.00 were executed by thirteen (13) of the approved Surety Companies and were deposited with the Board as security covering the operations of the Licensees; in addition two (2) Licensees deposited negotiable Government Bonds with a par value of \$6,300.00 in lieu of furnishing the usual forms of Surety Bonds. \$19,965,924.00 of the aforesaid amount covered the operations of the regular Elevators and \$1,044,500.00 was deposited as security covering the operations of "Special Annexes".

There was not any increase or reduction of the permanent staff of this Branch but it was necessary to employ temporary assistance for a longer period than customary owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full time year round services of one of the permanent employees of this Branch whose regular duties have been partially performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,

Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-6; 1911-12; 1917-18; and 1924-25 to 1940-41

Kind	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1926- 1927	1925- 1926	1924- 1925	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,651	5,145	5,500	5,082	5,153	4,540	4,314	4,236	4,074	3,577	1,972	1,099
Private Country Elevators.....	6	6	7	13	11	12	13	14	9	12	385	398	309	156	35					
Public Terminal Elevators.....	6	6	5	3	6	6	7	7	9	10	8	11	10	11	14	21	11	17		
Semi-Public Terminal Elevators.....	39	38	34	30	33	38	39	38	39	32	35		(formerly licensed as Private Elevators)							
Private Terminal Elevators.....	10	13	38	40	39	35	37	37	38	37	40	*76	*80	*80	*67	*64	*63	*20	**34	**10
Eastern Elevators.....	31	30	29	29	29	31	31	30	29	28	29	†20	†20	†18	†17	†17	†11	†18		
Mill Elevators.....	38	38	15	17	15	19	19	21	22	26	25	†27	†18	†16	†10	†10	†12			
Elevator Space.....																				
Track Buyers.....	33	36	38	40	40	41	46	51	64	57	48		1	1	3	3	2	7	58	
Commission Merchants.....	39	43	47	47	48	51	56	61	63	64	57	71	82	84	88	95	104	156	123	
Grain Dealers.....	21	24	23	19	17	24	25	29	15	75	3	3	90	92	95	94	94	126	84	
Total number issued.....	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	4,646	4,543	4,374	3,921	2,271	1,109

* Licensed as Private Elevators.

† Licensed as Public Elevators.

‡ Licensed as Manufacturing Elevators.

** Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1941 no applications for the building of grain loading platforms or for the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	617	1,682
Saskatchewan.....	1,286	2,957
Alberta.....	739	1,515
British Columbia.....	37	75
Ontario.....	10	21
Total as at December 31, 1941.....	2,689	6,250

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PER CENTUM LEVY

AMOUNTS COLLECTED ON GRAIN PURCHASED DURING PERIOD AUGUST 1, 1940 TO JULY 31, 1941

	Wheat		Oats		Barley		Rye		Total Levy
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
Manitoba.....	57,521,383	\$312,240.25	2,313,538	\$5,711.44	10,381,074	\$33,202.93	1,141,095	\$3,659.14	\$354,813.76
Saskatchewan..	242,521,963	1,312,850.92	9,928,493	22,421.60	4,378,681	14,789.12	3,168,432	10,478.36	1,360,540.00
Alberta.....	156,286,743	804,373.72	19,554,063	40,750.27	6,041,949	19,306.06	684,310	2,267.98	866,813.03
Total.....	456,330,063	\$2,429,464.89	31,796,094	\$68,883.31	20,801,704	\$67,388.11	4,923,837	\$16,435.48	\$2,582,171.79
							Mixed Grain.....		13.76
							Adjustments not allocated.....		502.32
									\$2,582,687.87

(j) ANNUAL REPORT OF STATISTICIAN

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I beg to submit the following report for the Crop Year 1940-41.

The year opened with the largest carry-over of wheat Canada has ever experienced, totalling 300,473,465 bushels in all positions, including 27,545,533 bushels in store and transit in the U.S.A., and the immediate prospect of another bountiful harvest. This actually yielded 513,800,000 bushels of wheat in the Prairie Provinces and 540,190,000 bushels for all Canada, thus taking second place to the record wheat harvest of 1928—544,598,000 bushels in the Prairie Provinces and 566,726,000 bushels in all Canada. With export markets somewhat restricted, the maximum requirements for export and home requirements were not expected to exceed 340 million bushels leaving the prospect of a carry-over of some 500 millions to be provided for.

Marketing of the crop at country points was under the control of the Canadian Wheat Board, producers' deliveries being on a strictly equitable basis of acreage and yield per acre on the one hand and the supply of railway cars and availability of storage space on the other. As a result producers marketed all but a little less than 14 million bushels of the 1940 wheat crop without congestion of railway transportation at any point, sufficient additional storage facilities at country and terminal points having been provided and licensed or approved by the Board of Grain Commissioners as the season progressed.

A table showing the distribution of the carry-over of Canadian wheat at the beginning and end of the season follows:—

Carry-over of Canadian Wheat	July 31	
	1940	1941
	bush.	bush.
On Farms—Estimated.....	17,286,000	13,954,000
In Country, Private and Mill Elevators in Western Division.....	63,966,921	224,424,158
In Terminal Elevators in Western Division.....	114,156,031	122,549,005
In Eastern Elevators (and afloat for).....	61,775,302	65,053,695
In Eastern Flour Mills.....	1,141,887	1,280,920
In Transit.....	14,601,791	21,076,023
In United States (in store and in transit).....	27,545,533	31,791,510
Total.....	300,473,465	480,129,311

Due to extended collaboration of all engaged or interested in the marketing, handling and storage of Canadian grain much more complete records have been compiled than has been possible heretofore. Some have been published in the form of special statements or reports, others have been withheld from publication for the present for obvious reasons. It is extremely gratifying to have the confidence and increasing measure of co-operation of the United States officials, Produce and Corn Exchanges, and Chambers of Commerce, which have materially contributed to the completeness of the records of movement into and via that country. The extent to which U.S.A. ports have been used in the handling of Canadian grain moving for export can be seen in two of the statements appended. A new statement showing the disposition of western grown grain as related to the carry-over, plus total primary marketings at country points is published for the first time this year and appears as the first of those appended.

EXPORTS

Details of exports overseas according to ports at which loaded and quantities imported into the U.S.A. for home consumption (duty-paid) and milling-in-bond are included in the appended statements, but data showing countries of final destination are, for the present, being withheld from publication.

INSURANCE

Under the authority of Order in Council P.C. 2393 dated April 7, 1941, the Board required licensees of Eastern elevators to insure all grain stored in their elevators against loss by fire, effective May 1, 1941. Copies of all insurance policies were received and scrutinized in this office and arrangements effected whereby the amount of insurance in force, week by week, is reported to this branch. Careful attention has also been given to ensure the compliance of all Public and Semi-Public elevators with the requirements of Section 102 of The Canada Grain Act.

ANNUAL WEIGH-UP

Following annual or special official weigh-overs of grain stored in all terminal and Eastern elevators, statements have been prepared for submission to the

Board and calculations of excess or deficiency as provided for in Section 138 and of overage or shortage, as provided for in Section 138(A) made in the manner prescribed by the Act. Two Eastern and one Semi-Public terminal elevators were found to have excesses due to the Crown in 1941 which the Board collected.

FREIGHT RATES

In accordance with the provisions of the Inland Water Freight Rates Act, 1923, as amended, copies of charter confirmations covering lake shipments from Fort William-Port Arthur have been filed by the shippers and weighted averages of freight rates compiled therefrom for the information of the Minister, the Board and others. The weighted average freight rates charged for wheat during the Crop Year 1940-41 are as follows:—

Fort William-Port Arthur to St. Lawrence Ports	1940				1941			
	Aug.	Sept.	Oct.	Nov.	April	May	June	July
Cents per bushel, wheat.....	6.688	7.	7.	7.	7.	7.	7.111	8.

Order No. 3 of the Board, providing a maximum of 7 cents to St. Lawrence Ports continued in force until June 7 when the maximum rate was raised to 8 cents to St. Lawrence Ports; 5 cents to Kingston and/or Prescott; 4 cents to Port Colborne and 3½ cents to Bay ports; Goderich and/or Sarnia, all per bushel wheat.

All of which is respectfully submitted.

Yours faithfully,

E. A. URSELL,
Statistician.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1940, PRIMARY
MARKETINGS, INSPECTIONS AND DISTRIBUTION OF GRAIN DELIVERED BY
FARMERS, CROP YEAR 1940-41 (ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Flaxseed	Rye
	Bush.	Bush.	Bush.	Bush.	Bush.
Manitoba.....	66,400,000	33,000,000	27,500,000	800,000	2,250,000
Saskatchewan.....	266,700,000	93,000,000	23,500,000	1,650,000	7,000,000
Alberta.....	180,700,000	103,000,000	32,000,000	425,000	3,000,000
Total.....	513,800,000	229,000,000	83,000,000	2,875,000	12,250,000

(b) PRIMARY MARKETINGS

AT COUNTRY ELEVATORS*

Manitoba.....	54,852,737	2,387,993	9,451,616	417,657	1,153,298
Saskatchewan.....	240,576,679	9,652,570	4,284,112	1,578,809	3,132,578
Alberta.....	153,222,273	16,796,017	5,161,220	408,767	614,662
Total.....	448,651,689	28,836,580	18,896,948	2,405,233	4,900,538

LOADED OVER PLATFORMS

Manitoba.....	1,236,063	101,678	797,133	21,184	31,024
Saskatchewan.....	693,822	304,946	82,910	17,822	66,231
Alberta.....	1,729,048	2,109,699	725,111	13,702	15,582
Total.....	3,658,933	2,516,323	1,605,154	52,708	112,837

AT INTERIOR TERMINAL ELEVATORS

Total.....	18,169	3,512	7,233	4,082	.....

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	1,494,909	59,841	94,517	166,585	9,422
Saskatchewan.....	1,173,264	52,226	20,639	1,029	577
Alberta.....	1,670,727	663,645	53,559	32,036	12,890
Total.....	4,338,900	775,712	168,715	199,650	22,889

TOTAL MARKETED

Manitoba.....	57,601,361	2,551,905	10,350,009	605,426	1,193,744
Saskatchewan.....	242,443,765	10,010,379	4,387,661	1,597,660	3,199,386
Alberta.....	156,622,565	19,569,843	5,940,380	458,587	643,134
Total.....	456,667,691	32,132,127	20,678,050	2,661,673	5,036,264

(c) INSPECTIONS

Manitoba.....	35,593,000	1,939,000	8,310,000	351,950	1,051,000
Saskatchewan.....	162,828,000	10,866,000	5,645,000	1,622,570	3,182,500
Alberta.....	95,404,000	18,121,000	5,535,000	414,480	610,000
Total.....	293,825,000	30,926,000	19,490,000	2,389,000	4,843,500

(a) PRODUCTION—Final official estimate for Prairie Provinces.

(b) PRIMARY MARKETINGS—At Stratton (country elevator) and Kenora-Keewatin (Private and Mill elevators) Ontario, are included in Manitoba figures, and at country points in Peace River Valley (In British Columbia) are included in Alberta figures.

(c) INSPECTIONS are included according to provinces where grain was grown.

* Subject to revision.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1940. PRIMARY
MARKETINGS, INSPECTIONS AND DISTRIBUTION OF GRAIN DELIVERED BY
FARMERS, CROP YEAR 1940-41 (ENDED JULY 31)—Concluded**

	Wheat (All Varieties)	Oats	Barley	Flaxseed	Rye
	Bush.	Bush.	Bush.	Bush.	Bush.
DISPOSITION OF WESTERN GROWN GRAIN					
(d) Carry-over, July 31.....	282,045,578	6,073,301	5,487,907	556,507	4,683,605
(e) Primary Marketings, 1940-41.....	456,667,691	32,132,127	20,678,050	2,661,673	5,036,264
Total available supply.....	738,713,269	38,205,428	26,165,957	3,218,180	9,719,869
<i>Exported—</i>					
Via Canadian ports.....	117,963,969	90,386	1,137	237	30,264
U.S.A. ports.....	55,595,198	86,089	1,565,652	.....	493,044
Imported into U.S.A.....	11,347,357	*10,073,707	1,155,097	55,130	†3,057,743
<i>Domestic—</i>					
To Flour Mills.....	82,439,952	9,846,470	7,302,710	.....	388,482
Feed plants, etc.....	6,172,734	13,836,900	9,351,501	14,001	694,019
Oil crushers and Paint manu- facturers.....	.....	.....	.....	2,505,543	.....
Distilleries.....	137,564	.....	.....	.....	504,077
Breweries.....	.....	.....	2,340,898	.....	.....
(f) Loss in handling.....	162,104	73,473	105,408	37,956	112,730
Total disposed of.....	273,818,878	34,007,025	21,822,403	2,612,867	5,280,359
(g) Carry-over, July 31, 1941.....	464,894,391	4,198,403	4,343,554	605,313	4,439,510

* 1,490,822 bush. imported into U.S.A. under classification Oats Scalpings.

† 1,623,205 bush. withdrawn from bonded stocks at end of July not included in U.S.A. official import figures until August.

(d) Carry-over, July 31, 1940, does not include grain on farms and in Eastern flour mills, but includes 25,738 bushels eastern grown wheat.

(e) Primary Marketings—Net bushels after dockage removed.

(f) Includes shrinkage in drying, loss in wrecks, losses in transportation, etc.

(g) Carry-over, July 31, 1941, does not include grain on farms and in Eastern flour mills, but includes 19,713 bushels eastern grown wheat.

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	220,832,538	20,468,773	13,339,047	2,072,678	4,627,332
Shipments.....	219,590,860	21,565,221	12,936,926	2,023,102	4,352,470
<i>Vancouver-New Westminster—</i>					
Receipts.....	7,587,279	566,456	249,664	1,594	113,258
Shipments.....	5,363,782	783,011	344,118	304	118,909
<i>Victoria, B.C.—</i>					
Receipts.....	548,015	876	.....	.....	.....
Shipments.....	169,478	8,404	.....	.....	.....
<i>Prince Rupert, B.C.—</i>					
Receipts.....	73,089	.....	.....	.....	.....
Shipments.....	278	.....	.....	.....	.....
<i>Churchill, Man.—</i>					
Receipts.....	117,192	.....	.....	.....	.....
Shipments.....	.....	.....	.....	.....	.....
<i>North Transcona, Man.—</i>					
Receipts.....	291,252	5,052	6,743	.....	.....
Shipments.....	2,876	6,408	6,674	.....	222
<i>Edmonton, Alta.—</i>					
Receipts.....	67,293	91,573	112,275	.....	504
Shipments.....	67,630	107,014	99,864	.....	500

TRADE AND COMMERCE

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Flaxseed	Rye
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	3,269,644	10,362	101,248		
Edmonton.....	2,208,429	4,484			
Lethbridge.....	294,253	442	490	3,964	
Moose Jaw.....	496,119				
Saskatoon.....	656,554	823			
Total.....	6,924,999	16,111	101,738	3,964	
<i>Shipments—</i>					
Calgary.....	1,808,142	97,250	101,248		
Edmonton.....	1,249,810	38,617	1,662		
Lethbridge.....	93,259	1,648	490	3,960	
Moose Jaw.....	25,501	2,275	45		
Saskatoon.....	36,620	22,484			
Total.....	3,213,332	162,274	103,445	3,960	

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	16,086,838		617,019		
Shipments.....	8,084,655		489,858		

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAIN

—	Wheat	Oats	Barley	Flaxseed	Rye	Corn
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	175,575,225	7,443,502	7,148,853	1,497,012	812,145	972,577
Shipments.....	170,987,169	7,859,023	7,576,729	1,503,009	952,446	836,968
—				Buckwheat	Mixed Grains	Soya Beans
				bush.	bush.	bush.
Receipts.....				9,279	94,549	2,674
Shipments.....				14,546	73,613	37,024

UNITED STATES GRAIN

—	Wheat	Oats	Barley	Rye	Corn	Soya Beans
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	1,685,004	349,965			22,593,947	77,868
Shipments.....	1,755,349	298,393		191	24,002,209	97,345
—	AUSTRALIAN GRAIN		SOUTH AFRICAN GRAIN		ARGENTINE GRAIN	
	Wheat	Corn	Corn	Flaxseed	Corn	
	bush.	bush.	bush.	bush.	bush.	
Receipts.....	5,517		1,254,144	304,797	3,927,009	
Shipments.....	5,517		1,423,141	314,943	4,486,353	

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS
MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTION CHANNELS)

—	U.S.A. Wheat	U.S.A. Oats	U.S.A. Rye	U.S.A. Corn	U.S.A. Beans
Via Eastern Elevators.....	bush. 225	bush. 59	bush. 191	bush. 904,030	bush. 97,345
Fort William-Port Arthur.....					
Interior Private Terminals.....					
Pacific Coast Elevators.....	2,466				
Total.....	2,691	59	191	904,030	97,345
—					
		Australian Corn	S. African Corn	Argentine Corn	Argentine Flaxseed
Via Eastern Elevators.....		bush.	bush.	bush.	bush.
Interior Private Terminals.....			1,423,141	4,284,221	86,644
Pacific Coast Elevators.....			202,598	271,659	
Total.....			1,625,739	4,555,880	86,644

EXPORT CLEARANCES OF CANADIAN GRAIN VIA U.S.A. ATLANTIC SEABOARD PORTS
CROP YEAR 1940-41 (ended July 31)

Week ending	Wheat (except Durum)	Durum Wheat	Total Wheat	Oats	Barley	Rye
1940	bush.	bush.	bush.	bush.	bush.	bush.
Aug. 1-8	308,012		308,012		29,926	86,491
15	223,426		223,426			
22	405,715		405,715			
29	144,321		144,321			
Sept. 5	214,175	23,783	237,958			
12	61,659		61,659			7,977
19	276,863		276,863			
26	115,877		115,877			
Oct. 3	96,583	199,198	295,781			
10	151,991		151,991			
17	307,938		307,938			
24	123,640		123,640			
31	287,015	290,000	577,015			
Nov. 7	139,246		139,246			
14	120,979		120,979			
21	80,310		80,310			
28	81,201		81,201			
Dec. 5	279,369	202,761	482,130			
12	93,580		93,580			
19	75,390	241,000	316,390			
26	536,139		536,139		155,606	800
27-31	49,616		49,616			
1941						
Jan. 1-2	13,925	995	14,920			
9	319,656	482,500	802,156			
16	1,098,360		1,098,360			
23	2,930,735	40,000	2,970,735			
30	1,952,418	120,239	2,072,657			
Feb. 6	1,108,668		1,108,668		10,000	
13	1,462,650		1,462,650		103,241	
20	1,169,011		1,169,011		112,163	
27	1,273,030		1,273,030	83,952		
March 6	1,548,974	121,307	1,670,281		10,000	800
13	1,991,417	21,604	2,013,021			
20	1,774,920		1,774,920		192,586	
27	864,969	2,000	866,969		64,051	
April 3	2,526,892	485,500	3,012,392		10,000	
10	2,670,825	69,963	2,740,788		56,681	69,834
17	3,414,647	70,057	3,484,704		74,487	
24	2,194,597		2,194,597		133,663	75,282
May 1	5,108,299	269,323	5,377,622		47,203	
8	3,011,861	288,899	3,300,760			79,565
15	2,747,901	198,932	2,946,833		93,771	
22	801,625	37,364	838,989	2,137		
29	1,947,455	414,666	2,362,121			172,295
June 5	985,432	167,179	1,152,611			
12	934,436		934,436			
19	377,791	223,885	601,676		1,683	
26	493,646		493,646			
July 3	1,102,919		1,102,919		81,555	
10	68,454	165,990	234,444			
17	633,745	113,867	747,612		33,333	
24	78,928	204,877	283,805		91,477	
31	333,129	24,949	358,078		264,226	
Total Crop year	51,114,360	4,480,838	55,595,198	86,089	1,565,652	493,044

EXPORT CLEARANCES OF CANADIAN WHEAT (ALL VARIETIES) VIA U.S.A. ATLANTIC SEABOARD PORTS CROP YEAR 1940-41 (ended July 31)

Week ending	Via New York	Via Albany	Via Boston	Via Baltimore	Via Phila- delphia	Via Portland	Total
1940	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Aug. 1-8.....	266,012		42,000				308,012
15.....	176,759				46,667		223,426
22.....	272,547		133,168				405,715
29.....	144,321						144,321
Sept. 5.....	237,958						237,958
12.....	61,659						61,659
19.....	276,863						276,863
26.....	115,877						115,877
Oct. 3.....	96,583	199,198					295,781
10.....	151,991						151,991
17.....	307,938						307,938
24.....	123,640						123,640
31.....	58,015	519,000					577,015
Nov. 7.....	79,246				60,000		139,246
14.....	120,979						120,979
21.....	40,310				40,000		80,310
28.....	81,201						81,201
Dec. 5.....	59,500	163,000			259,630		482,130
12.....	93,580						93,580
19.....	55,390	241,000		20,000			316,390
26.....	95,176			440,963			536,139
27-31.....	49,616						49,616
1941							
Jan. 1-2.....	14,920						14,920
9.....	39,656	722,500			40,000		802,156
16.....	272,551			825,809			1,098,360
23.....	210,126		456,863	1,235,900	881,846	186,000	2,970,735
30.....	42,210		818,103	855,655	356,689		2,072,657
Feb. 6.....	345,968			299,700		463,000	1,108,668
13.....	401,016		256,183	341,950	161,501	302,000	1,462,650
20.....	563,499		284,000	220,082	101,430		1,169,011
27.....	104,444		287,000	375,430	208,156	298,000	1,273,030
March 6.....	127,956		284,711	275,757		981,857	1,670,281
13.....	421,915		366,667	416,085	280,354	528,000	2,013,021
20.....	179,420			297,829	323,171	974,500	1,774,920
27.....	184,861		276,808	88,000	61,800	255,500	866,969
April 3.....	977,070	1,071,300	321,022		80,000	563,000	3,012,392
10.....	713,125		285,963	664,002	153,698	924,000	2,740,788
17.....	1,285,568		590,280	929,856	48,000	631,000	3,484,704
24.....	744,840			519,849	483,944	445,964	2,194,597
May 1.....	1,072,742	885,933	1,083,229	2,019,874	315,844		5,377,622
8.....	746,828	1,002,400	736,432	775,100	40,000		3,300,760
15.....	1,513,420	307,900	278,500	316,386	530,627		2,946,833
22.....	166,168		254,328				838,989
29.....	1,633,568	545,400					
June 5.....	161,737	702,644		183,153			2,362,121
12.....	212,771			288,230			1,152,611
19.....	601,676			721,665			934,436
26.....	493,646						601,676
July 3.....	517,319			585,600			493,646
10.....	68,454			165,990			1,102,919
17.....	617,745			129,867			234,444
24.....	267,805			16,000		Via Duluth	747,612
31.....	112,929		220,200			* 24,949	283,805
Total Crop Year	17,781,114	6,360,275	6,975,457	13,427,225	4,473,357	6,552,821 24,949	55,595,198

* By rail from Duluth to Mexico.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND U.S.A.
PORTS, CROP YEAR 1940-41

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St-Law- rence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....	48,375	2,928,942	768,059	3,745,376
1 Man. Northern.....	1,735,546	76,653,635	34,618,265	113,007,446
2 Man. Northern.....	58,350	21,314,859	12,981,670	34,354,879
3 Man. Northern.....	1,214,610	3,103,019	1,067,260	5,384,889
4 Man. Northern.....	335			335
Number 5.....	16,842			16,842
1 C.W. Garnet.....	635,385	1,438,883	160,214	2,234,482
2 C.W. Garnet.....	266,835	2,534,315	213,516	3,014,666
3 C.W. Garnet.....	69,333	192,635		261,968
1 Alberta Red Winter.....	10,005			10,005
2 Alberta Winter.....	267			267
3 Alberta Winter.....	335			335
Unspecified Spring Wheat.....			† 1,178,111	1,178,111
Others.....			127,265	127,265
1 C.W. Amber Durum.....		278,538	197,235	475,773
2 C.W. Amber Durum.....		4,878,095	3,854,841	8,732,936
3 C.W. Amber Durum.....		584,830		584,830
Unspecified Durum Wheat.....			† 428,762	428,762
Total.....	4,056,218	113,907,751	55,595,198	173,559,167
<i>Oats—</i>				
2 C.W. White.....	21,792		83,952	105,744
Ex. 3 C.W.....	2,353			2,353
3 C.W.....	4,550	4,000		8,550
1 Feed.....		253		253
2 Feed.....		1,200		1,200
Seed.....				
Mixed Feed.....				
Others.....	21,220	34,400	2,137	57,757
Canadian Eastern.....		618		618
Total.....	49,915	40,471	86,089	176,475
<i>Barley—</i>				
2 C.W. Two-Row.....			23,333	23,333
2 C.W. Six-Row.....		650	152,205	152,855
3 C.W. Six-Row.....			14,688	14,688
1 Feed.....	41		200,642	200,683
2 Feed.....	21		155,606	155,627
Others.....		425		425
Unspecified Grades.....			† 1,019,178	1,019,178
Total.....	62	1,075	1,565,652	1,566,789
<i>Rye—</i>				
2 C.W.....	429	29,778	493,044	523,251
3 C.W.....	57			57
Total.....	486	29,778	493,044	523,308

† Regraded from Bonded Stocks to U.S. Domestic Standards before being Exported.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS, BY
PORTS AT WHICH LOADED, AND IMPORTS INTO THE U.S.A., CROP YEAR 1940-1941
(ended July 31)

Loaded at	Wheat (All varieties)	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	3,906,885	49,915	62	486
Prince Rupert.....				
Victoria.....	149,333			
Port Churchill.....				
Fort William-Port Arthur.....				
Toronto.....		2,400	425	
Montreal.....	38,415,275			
Sorel.....	10,359,525			
Three Rivers.....	7,522,755			
Quebec.....	6,937,534			
St. John.....	1,753,655			
West St. John.....	32,769,774	34,400		
Halifax.....	16,149,233	3,671	650	29,778
Total—Canadian ports.....	117,963,969	90,386	1,137	30,264
New York.....	17,781,114	86,089	1,234,508	95,268
Albany.....	6,360,275			
Baltimore.....	13,427,225		178,939	397,776
Boston.....	6,975,457			
Philadelphia.....	4,473,357			
Portland.....	6,552,821			
Duluth.....	24,949		152,205	
Total—U.S.A. ports.....	55,595,198	86,089	1,565,652	493,044
Imported into the U.S.A.....	11,347,357	10,073,707	1,155,097	1,434,538
Total grain exported.....	184,906,524	10,250,182	2,721,886	1,957,846
Exports of Wheat-flour (in terms of Wheat).....	46,299,722			
Exports of Oatmeal & Rolled Oats (in terms of Oats).....		3,400,335		
Grand total exported.....	231,206,246	13,650,517	2,721,886	1,957,846

EXPORTS OF CANADIAN WHEAT (FINAL FIGURES)
MONTHLY TOTALS INCLUDING WHEAT-FLOUR (IN TERMS OF WHEAT) AND U.S.A. IMPORTS DURING CROP YEAR 1940-41

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total All Wheat	Wheat Flour† (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
						Con- sumption Duty-paid	Milling in Bond			
1940	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
August.....	228,092	6,842,668	.....	.....	1,305,432	7,997	584,974	8,969,163	2,590,902	11,560,065
September.....	449,751	5,542,496	.....	.....	532,354	38,700	581,298	7,144,599	2,478,393	9,622,992
October.....	309,424	4,908,689	.....	.....	1,392,410	17,395	807,185	7,435,103	3,375,868	10,810,971
November.....	154,757	9,018,846	.....	.....	723,366	15,890	720,084	10,632,943	3,072,231	13,705,174
December.....	411,311	5,270,545	.....	.....	1,176,225	93,545	446,754	7,398,380	1,555,250	8,953,630
1941										
January.....	478,813	5,403,935	.....	.....	6,958,828	161,261	621,468	13,624,305	1,596,681	15,220,986
February.....	460,559	8,930,737	.....	.....	5,299,003	122,452	566,892	15,379,643	2,730,406	18,110,049
March.....	93,663	10,596,194	.....	.....	7,635,015	122,585	533,489	18,980,946	2,516,126	21,497,072
April.....	463,629	10,703,467	.....	.....	14,821,478	361,076	584,037	26,933,687	3,824,172	30,757,859
May.....	5,083	17,825,133	.....	.....	10,851,451	1,780,868	619,789	30,782,324	6,033,087	36,815,411
June.....	185,169	18,852,085	.....	.....	2,962,502	601,834	603,373	23,204,963	7,879,158	31,084,121
July.....	815,967	10,312,956	.....	.....	1,937,134	501,860	852,551	14,420,468	8,647,448	23,067,916
Total Crop Year 1940-41.....	4,056,218	113,907,751	.....	.....	55,595,198	3,825,463	7,521,894	184,906,524	46,299,722	231,206,246
Total Crop Year 1939-40.....	10,380,686	80,882,635	1,772,460	112,470	59,555,468	284,896	9,169,602	162,158,217	30,516,151	192,674,368
Five-Year Average 1936-37 to 1940-41	19,488,344	81,417,756	1,517,371	227,062	33,024,632	6,949,204	8,401,461	151,025,831	26,828,784	177,854,615

* U.S.A. Official Figures.

† Customs Returns.

(k) ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1941

SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Mixed Feed Oats		Barley		Flaxseed		Sample Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	pounds	pounds
<i>Canadian Government—</i>										
Calgary.....	3,047-20		2,157-32				3,200			
Edmonton.....		5,267-40								
Lethbridge.....	1,034-50						14,950			
Moose Jaw.....	1,875-15				45-10					
Prince Rupert.....		80-10								
Saskatoon.....	4,400-50									
Totals.....	10,358-15	5,347-50	2,157-32		45-10		18,150	3-51	18,150	
Net Total—Surplus..... or Deficit.....	5,010-25		2,157-32		45-10		18,150 pounds	3-51	18,150 pounds	

ANNUAL WEIGH-UP, 1941

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1941, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERE TO

Licensee	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Canadian Government—</i>												
Calgary.....	39-20	251-30		42-10	6-10				2,132-40			
Edmonton.....			1,110-00		14-30			7,469-40		7-10		872-50
Lethbridge.....			16-10				9-30	473-20				
Moose Jaw.....	-10	1,874-55	-10									
Prince Rupert.....		28-20										
Saskatoon.....	333-20	3,511-50	510-00	45-40					87-40			

There is no excess due to the Crown in the grades of Wheat as specified above from the Canadian Government elevators.

ANNUAL WEIGH-UP, 1941

SUMMARY of results of calculations of EXCESS or DEFICIENCY in the first four statutory and 1 C.W. Garnet and 2 C.W. Garnet grades of WHEAT, as disclosed by the annual weigh-up, 1941, of grain in store in SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930, and amendments thereto.

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard.	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Pawlf Terminal Elevator Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Eastern Terminal Elevator Co. Ltd.— "Richardson"	—15	1,488-50							276-15	106-00	23-40	25-35
Manitoba Pool Elevators Ltd.— "Number 1"							794-20	16,993-20	20,618-00	681-00	7-30	80-00
"Number 2"							101-00	3,769-00	4,940-10	1,065-25	104-40	159-55
"Number 3"				1,420-30				9,909-20	2,959-30		49-30	12-10
"Number 9"								1,761-30	281-50	938-30	9-00	278-40
McCabe Bros. Grain Co. Ltd.— "Elevator C"							38-10	4,380-25	8,941-25	2,710-20	624-50	704-35
(Dom. Govt. El.)							4-00	8,348-10	4,529-55	8-00		
N. M. Paterson & Co. Ltd.		1,513-45		644-25			39-10	9,901-30	5,488-15		163-20	2,532-15
Reliance Grain Co. Ltd.				10,552-50			36-05		33,431-40			
Superior Elevator Co. Ltd.— "P&H"							95-35	722-15	387-55	27-15	101-55	81-15
							4-00	652-40	1,983-40	843-30	116-30	47-40

The special weigh-up of Pawlf Terminal Elevator before the transfer of licence to the Federal Grain Ltd. revealed excess due to the Crown, the value of which after providing for the value of the deficiencies, was paid to the Board.
 There is no Excess due to the Crown from any other of the above elevators.
 The annual weigh-up of grain in store in 17 Semi-Public terminal elevators, Fort-William-Port Arthur was postponed under authority of Order-in-Council P.C. 5298 dated the 2nd October, 1940.

TRADE AND COMMERCE

ANNUAL WEIGH-UP, 1941

SUMMARY of Results of Calculations of EXCESS or DEFICIENCY in the First Four Statutory and 1 C.W. Garnet and 2 C.W. Garnet Grades of WHEAT, as revealed by the Annual Weigh-up, 1941, of Grain in Store in SEMI-PUBLIC Terminal Elevators at VANCOUVER and EDMONTON, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930, and Amendments thereto

	Vancouver				Edmonton	
	James Richardson & Sons Ltd.		United Grain Growers Terminals Ltd.		Gillespie Grain Co. Ltd.	
	Excess	Deficiency	Excess	Deficiency	Excess	Deficiency
	bush.	bush.	bush.	bush.	bush.	bush.
1 Manitoba Hard.....				15-40		
1 Manitoba Northern.....	20-10			2,784-40		36-10
2 Manitoba Northern.....	13-10			1,783-15		185-15
3 Manitoba Northern.....		285-35		202-20		490-45
1 C.W. Garnet.....				61-05		
2 C.W. Garnet.....		28-55		44-50		3-50

There is no excess due to the Crown from either of the above elevators.

The annual weigh-up of grain in store in 5 Semi-Public terminal elevators at Vancouver-New Westminster, one at Victoria, one at Churchill and one at North Transcona was postponed under authority of Order in Council P.C. 5298 dated October 2, 1940.

ANNUAL WEIGH-UP, 1941

SUMMARY of Results of Calculations of OVERAGE or SHORTAGE in Western Canadian and Foreign Grown Grain as Revealed by the Annual Weigh-up, 1941, of Grain in Store in EASTERN ELEVATORS, and arrived at in the manner prescribed in Section 138A, Canada Grain Act, 1930, and Amendments thereto

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i>			
Collingwood Terminals Ltd.....	Western Canadian Wheat.....		4,712-20
	Western Canadian Oats.....		36-32
	U.S.A. Corn.....		427-14
<i>Depot Harbour—</i>			
Wm. H. Johnson Jr. Ltd. (C.N.R. Elev.)..	Western Canadian Wheat.....		393-30
<i>Goderich—</i>			
Goderich Elevator & Transit Co. Ltd....	Western Canadian Wheat.....		3,984-05
	Western Canadian Oats.....	965-18	
	Western Canadian Barley.....		680-11
	Western Canadian Flaxseed.....		35-36
	Western Canadian Rye.....		337-34
	U.S.A. Corn.....		2,674-33
Western Canada Flour Mills Co. Ltd....	Western Canadian Wheat.....	1,395-03	
	Western Canadian Oats.....		35-27
	Western Canadian Barley.....		16-37
	Argentine Corn.....		21-40
<i>Humberstone—</i>			
Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		3,518-25
	Western Canadian Oats.....		59-28
	Western Canadian Barley.....		66-31
	Western Canadian Flaxseed.....		88-17
	Western Canadian Rye.....		25-24
<i>Kingston—</i>			
Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		12,569-00
	Western Canadian Oats.....		45-13
	Western Canadian Barley.....		545-22
	Western Canadian Flaxseed.....		156-55
	Argentine Corn.....		620-24
<i>Midland—</i>			
Aberdeen Elev. Co. Ltd. (Tiffin No. 1)...	Western Canadian Wheat.....		630-00
	U.S.A. Wheat.....		349-40
	U.S.A. Oats.....		1,061-23
	U.S.A. Corn.....		3,240-39
Canadian National Ryys. (Tiffin No. 2)...	Western Canadian Wheat.....		2,596-50
	U.S.A. Corn.....		448-50
Canada Steamship Lines Ltd.....	Western Canadian Wheat.....		4,479-15
	Western Canadian Oats.....		110-22
	Western Canadian Barley.....		28-33

GRAIN COMMISSION

31

ANNUAL WEIGH-UP, 1941—Continued

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Midland—Con.</i>			
Midland Simcoe Elev. Co. Ltd.....	Western Canadian Wheat.....		1,609-50
	Western Canadian Oats.....		2,439-04
	Western Canadian Barley.....		55-27
	Western Canadian Flaxseed.....		38-31
<i>Owen Sound—</i>			
Great Lakes Elev. Co. Ltd.....	Western Canadian Wheat.....		2,288-25
	Western Canadian Oats.....		403-31
	Western Canadian Barley.....		202-26
	Western Canadian Rye.....		74-32
	U.S.A. Corn.....		543-49
<i>Port Colborne—</i>			
National Harbours Board.....	Western Canadian Wheat.....		6,606-20
	Western Canadian Oats.....		6-08
	Western Canadian Barley.....		97-42
	Western Canadian Mixed Grain.....		10,840 lbs.
<i>Maple Leaf Milling Co. Ltd.</i>	Western Canadian Wheat.....		4,201-20
	Western Canadian Oats.....		255-25
	Western Canadian Barley.....		329-47
	Western Canadian Rye.....		105-44
	Western Canadian Corn.....		24-10
	Western Canadian Mixed Grain.....	87,220 lbs.	
	U.S.A. Corn.....		2,068-13
	South African Corn.....		8-37
	Argentine Corn.....		856-05
<i>Port McNicoll—</i>			
Canadian Pacific Rly. Company.....	Western Canadian Wheat.....	1,694-10	
	Western Canadian Rye.....		32-28
	U.S.A. Wheat.....		306-12
	U.S.A. Corn.....	242-54	
<i>Prescott—</i>			
National Harbours Board.....	Western Canadian Wheat.....		3,820-00
	Western Canadian Oats.....		105-13
	Western Canadian Barley.....	50-32	
	Western Canadian Flaxseed.....		5-55
	Western Canadian Rye.....		8-32
	U.S.A. Corn.....		7-53
	Argentine Corn.....		3,473-03
<i>Sarnia—</i>			
Sarnia Elevator Co. Ltd.....	Western Canadian Wheat.....		3,238-20
	Western Canadian Oats.....		8-00
	Western Canadian Barley.....		113-30
	U.S.A. Wheat.....		73-00
	U.S.A. Corn.....		3,503-31
	U.S.A. Beans.....		12-50
	South African Corn.....		175-13
<i>Toronto—</i>			
Toronto Elevators Ltd.....	Western Canadian Wheat.....		5,913-10
	Western Canadian Oats.....		2,977-04
	Western Canadian Barley.....		1,968-37
	Western Canadian Flaxseed.....		115-03
	Western Canadian Rye.....		221-46
	Western Canadian Corn.....		10-04
	Western Canadian Mixed Feed		
	Oats Groats.....		-37
	U.S.A. Corn.....		4,795-04
	U.S.A. Beans.....		1,262-14
	South African Corn.....		650-53
	Argentine Corn.....		208-39
	Argentine Flaxseed.....		115-35
<i>Montreal—</i>			
Dominion Elevator Ltd.....	Western Canadian Wheat.....	139-00	
	Western Canadian Oats.....		286-20
	Western Canadian Barley.....		501-36
	Western Canadian Rye.....		84-49
	Western Canadian Corn.....		106-30
	Western Canadian Mixed Grain.....		830 lbs.
	South African Corn.....		53-32
	Argentine Corn.....		175-49

ANNUAL WEIGH-UP, 1941—*Concluded*

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Montreal—Con.</i>			
National Harbours Board.....	Western Canadian Wheat.....		17,965-34
	Western Canadian Oats.....		224-20
	Western Canadian Barley.....		1,071-17
	Western Canadian Flaxseed.....		325-03
	Western Canadian Rye.....		129-52
	Western Canadian Corn.....		1,445-45
	U.S.A. Wheat.....		50-10
	U.S.A. Barley.....		4-28
	U.S.A. Corn.....		3,227-09
	South African Corn.....		22-33
	Argentine Corn.....		2,559-19
	Argentine Flaxseed.....		151-45
<i>Quebec—</i>			
National Harbours Board.....	Western Canadian Wheat.....		9,664-15
	Western Canadian Oats.....	94-21	
	Western Canadian Barley.....		224-42
	U.S.A. Wheat.....		846-10
	U.S.A. Corn.....		11-07
	South African Corn.....		1,349-03
	Argentine Corn.....		232-11
<i>Sorel—</i>			
North American Elev. Limited.....	Western Canadian Wheat.....		5,291-55
	Western Canadian Barley.....		147-40
	U.S.A. Wheat.....		246-00
	U.S.A. Corn.....		2,464-27
<i>Three Rivers—</i>			
Three Rivers Grain & Elev. Co. Ltd....	Western Canadian Wheat.....	403-20	
	Western Canadian Oats.....		31-18
	Western Canadian Barley.....		5-45
	U.S.A. Rye.....	-40	
	U.S.A. Corn.....		5,103-12
	South African Corn.....		364-32
	Argentine Corn.....		70-15
	Argentine Flaxseed.....		133-48
<i>Halifax—</i>			
National Harbours Board.....	Western Canadian Wheat.....		8,591-30
	Western Canadian Oats.....		15-24
	Western Canadian Barley.....		5-22
	Western Canadian Corn.....		6-16
	Australian Wheat.....		3-26
	U.S.A. Wheat.....		859-30
	South African Corn.....		3-12
	Argentine Corn.....		696-44
	Flaxseed.....		27-20
<i>Saint John—</i>			
Canadian National Rlys.....	Western Canadian Wheat.....		1,096-00
	Argentine Corn.....		824-34
<i>West Saint John—</i>			
Canadian Pacific Rly. Company "B".....	Western Canadian Wheat.....		11,272-10
Canadian Pacific Rly. Company "H".....	Western Canadian Wheat.....		8,542-45
(National Harbours Board Elevator).			

Overages due to the Crown were collected by the Board from the Western Canada Flour Mills Co. Ltd., Goderich, and the Canadian Pacific Railway Company, Port McNicoll.

There is no overage due to the Crown from any other of the elevators.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 J. Watson, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealist.
 H. Sellers, representing the millers.

George Bennett,	}	representing grain growers in Alberta.
W. H. Fairfield,		
R. H. MacDonald,		
B. S. Plumer,		
A. Sproule,	}	representing grain growers in Saskatchewan.
Dr. L. E. Kirk,		
J. Wellbelove,		
W. Wright,		
G. Canfield,	}	representing grain growers in Manitoba.
W. J. Parker,		
Dr. J. H. Craigie,		
J. Quick,		

G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS

E. B. Ramsay, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 Norman C. Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 T. A. Climo, representing the exporters of grain.

K. F. Wadsworth,	}	representing the millers of wheat in the Eastern Division.
J. J. Page,		
R. J. Scott,	}	representing grain growers in Ontario.
W. A. Amos,		

Wm. Wallace, Additional—representing growers of corn.
 J. M. Vittie, Additional.
 G. E. McConney, Additional.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy (Chairman).	J. Watson (Chairman).	C. R. Manahan (Chairman)
Grant Hammond.	J. D. Russell.	J. W. Allen.
J. McMahon.	J. Tranter.	W. H. Boyle.
A. F. Moore.	J. A. Harris.	A. Fraser.
J. Murray.	W. McLeod.	C. C. Gillies.
S. C. Swanton.	E. J. Munson.	J. A. Kyle.
C. J. Wells.	G. C. Arbuthnott.	L. T. Ingram.
P. V. Wright.	A. Watson.	R. H. Settle.
J. N. Wise.	F. N. Sandgathe.	F. J. Wolfe.
S. Billinsky (Secretary).	E. S. Munro (Secretary).	John Blue (Secretary).

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit.	P. J. Marples (Chairman).
C. H. Coatsworth.	A. Chaplin.
R. C. Pratt.	F. B. Earle.
N. H. Campbell.	N. C. Wight.
C. W. Heimbecker.	J. A. Byrne.
L. S. Johnston.	J. M. Vittie.
W. N. McCarthy.	T. A. Climo.
G. E. McConney.	E. Lorne Tracey (Secretary).
E. D. Sullivan.	
K. F. Wadsworth.	
F. D. Tolchard (Secretary).	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1941

—	Number of Appeals Held	Number of Appeals allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	775	111	.....	664
Calgary.....	129	21	.....	108
Edmonton.....	39	4	.....	35
Toronto.....	nil	nil	nil	nil
Montreal.....	nil	nil	nil	nil
Total.....	943	136	.....	807

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MANITOBA, January 6, 1942.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and Eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1941:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	221,714,577-40	219,890,393-00
Oats.....	19,563,426-28	21,179,359-19
Barley.....	13,405,659-16	13,033,616-41
Flax.....	2,095,466-32	2,033,033-05
Rye.....	4,637,526-03	4,398,656-15
Mixed Grain.....	339,300-40	231,283-30
Corn.....	305,745-34	262,763-40
Barley Malt.....	415,943-32	415,943-32
<i>Vancouver—</i>		
Wheat.....	7,959,450-40	5,381,807-50
Oats.....	240,511-22	447,633-22
Barley.....	123,227-12	121,947-14
Rye.....	594-12	11,816-14
Mixed Grain.....	62,345-40	52,361-40
Corn.....	5,348-52	5,349-06
<i>Calgary—</i>		
Wheat.....	3,271,575-00	1,808,141-40
Oats.....	10,361-16	97,249-14
Barley.....	101,247-34	101,247-34
<i>Edmonton—</i>		
Wheat.....	2,211,844-50	1,249,809-20
Oats.....	4,508-08	38,206-16
Barley.....		1,662-24
<i>Lethbridge—</i>		
Wheat.....	294,253-00	93,199-20
Oats.....	442-23	1,648-19
Barley.....	490-00	490-00
Flax.....	3,964-31	3,960-35
Mixed Grain.....	155-30	540-30
<i>Moose Jaw—</i>		
Wheat.....	496,119-00	25,501-30
Oats.....		1,697-22
<i>Prince Rupert—</i>		
Wheat.....	73,089-10	
<i>Saskatoon—</i>		
Wheat.....	656,553-50	36,620-20
Oats.....	822-22	23,516-04
Barley.....		84-14
<i>Total—</i>		
Wheat.....	236,677,463-10	228,485,473-00
Oats.....	19,820,073-17	21,789,311-14
Barley.....	13,630,624-14	13,259,049-31
Flax.....	2,099,431-07	2,036,993-40
Rye.....	4,638,120-15	4,410,472-29
Mixed Grain.....	401,802-10	284,186-00
Corn.....	311,094-30	268,112-46
Barley Malt.....	415,943-32	415,943-32

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Montreal—</i>		
Wheat.....	295,089,744-40	292,798,508-40
Oats.....	8,420,228-06	8,937,272-20
Barley.....	9,060,065-07	8,951,507-40
Flax.....	2,697,926-26	2,707,240-28
Rye.....	864,139-47	1,003,149-49
Mixed Grain.....	91,594-06	70,786-12
Corn.....	44,080,836-12	46,268,530-34
Screenings.....	1,385,943-11	1,210,473-32
Millet.....	2,017-14	2,017-14
Buckwheat.....	9,558-22	14,810-42
Beans.....	146,136-40	166,953-20
Peas.....	3,574-20	2,435-50

Yours respectfully,
W. T. TODD,
Registrar.

APPENDIX No. 5

REPORT OF CHIEF INSPECTOR OF GRAIN

WINNIPEG, MAN., October 6, 1941.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I enclose my annual report covering car and cargo inspections in the Western Division, and car and cargo inspections and sampling of grain in the Eastern Division for the year ending July 31, 1941.

The crop of 1940 in the Western Division was harvested under favourable conditions. The grain produced was of high grade and good quality, and was in many respects similar to the crop of 1939.

The total number of cars inspected in the Western Division for the year 1940-1941 was 205,494, as against 262,053 for the previous year—a decrease of 56,559 cars.

Yours truly,
F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1940, to July 31, 1941, are made up as follows:—

	Cars	Percentages
Wheat.....	174,682	85.006
Oats.....	14,319	6.968
Barley.....	10,889	5.299
Flax.....	1,799	.875
Rye.....	2,999	1.459
Mixed Grain.....	287	.140
Corn.....	365	.178
Screenings.....	154	.075
Total.....	205,494	100.000

The grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	78	·047		
1 Manitoba Northern.....	85,544	51·520		
2 Manitoba Northern.....	50,077	30·159		
3 Manitoba Northern.....	15,273	9·198		
4 Manitoba Northern.....	3,187	1·919		
No. 4 Special.....	118	·071		
No. 5.....	2,875	1·732		
No. 6.....	268	·161		
Feed.....	27	·016		
Sample.....	134	·081		
Smutty.....	443	·267		
Tough.....	6,850	4·126		
Damp.....	338	·204		
Rejected.....	827	·498		
No. 5 Special.....	1	·001		
Total Red Spring Wheats.....	166,040	100·000	166,040	95·053
1 Garnet.....	1,108	28·682		
2 Garnet.....	1,959	50·712		
3 Garnet.....	470	12·167		
Smutty Garnet.....	4	·104		
Tough Garnet.....	303	7·843		
Damp Garnet.....	4	·104		
Rej. Garnet.....	15	·388		
Total Garnet Wheats.....	3,863	100·000	3,863	2·211
1 Amber Durum.....	109	2·473		
2 Amber Durum.....	2,846	64·579		
3 Amber Durum.....	1,206	27·366		
4 Amber Durum.....	48	1·089		
6 Amber Durum.....	1	·023		
Smutty Amber Durum.....	35	·794		
Tough Amber Durum.....	64	1·453		
Rejected Amber Durum.....	89	2·019		
Sample Amber Durum Broken.....	9	·204		
Total Amber Durum Wheats.....	4,407	100·000	4,407	2·523
1 Mixed Wheat.....	42	44·681		
2 Mixed Wheat.....	1	1·064		
3 Mixed Wheat.....	18	19·149		
5 Mixed Wheat.....	18	19·149		
Tough Mixed Wheat.....	9	9·574		
Damp Mixed Wheat.....	2	2·128		
Smutty Mixed Wheat.....	1	1·064		
Rejected Mixed Wheat.....	3	3·191		
Total Mixed Wheat.....	94	100·000	94	·054
1 Alberta Red Winter.....	106	38·129		
2 Alberta Red Winter.....	73	26·259		
3 Alberta Red Winter.....	81	29·138		
Tough Alberta Winter.....	1	·359		
Smutty Alberta Winter.....	16	5·756		
Rejected Alberta Winter.....	1	·359		
Total Alberta Winter Wheat.....	278	100·000	278	·159
Total.....	174,682		174,682	100·000

The grades of Oats are as follows:—

—	Cars	Percentages
1 Canada Western.....	5	.035
2 Canada Western.....	4,028	28.130
Ex. 3 Canada Western.....	1,850	12.920
3 Canada Western.....	3,554	24.820
Ex. 1 Feed.....	783	5.468
1 Feed.....	2,704	18.884
2 Feed.....	648	4.526
3 Feed.....	92	.643
Mixed Feed Oats.....	9	.063
Rejected Oats.....	12	.084
Sample Oats.....	8	.056
Tough.....	590	4.120
Damp.....	36	.251
Total.....	14,319	100.000

The grades of Barley are as follows:—

—	Cars	Percentages
1 Canada Western Six-Row.....	2	.018
2 Canada Western Six-Row.....	4,348	39.930
3 Canada Western Six-Row.....	2,171	19.938
1 Canada Western Two-Row.....	2	.019
2 Canada Western Two-Row.....	156	1.433
1 Feed.....	928	8.522
2 Feed.....	1,831	16.815
3 Feed.....	610	5.602
Rejected.....	11	.101
Sample.....	1	.009
Tough.....	817	7.503
Damp.....	12	.110
Total.....	10,889	100.000

The grades of Flax are as follows:—

—	Cars	Percentages
1 Canada Western.....	1,589	88.327
2 Canada Western.....	150	8.338
3 Canada Western.....	26	1.445
4 Canada Western.....	1	.056
Sample.....	6	.333
Tough.....	25	1.390
Damp.....	2	.111
Total.....	1,799	100.000

The grades of Rye are as follows:—

—	Cars	Percentages
1 Canada Western.....	8	.267
2 Canada Western.....	1,722	57.419
3 Canada Western.....	960	32.011
4 Canada Western.....	177	5.902
Ergoty Rye.....	4	.133
Rejected.....	4	.133
Tough.....	117	3.901
Sample.....	6	.200
Sample Rye Broken.....	1	.034
Total.....	2,999	100.000

The grades of Mixed Grain are as follows:—

—	Cars	Percentages
No. 1	33	11.498
No. 2	94	32.752
No. 3	128	44.599
Tough	20	6.969
Rejected	6	2.091
Sample	6	2.091
Total	287	100.000

The grades of Corn are as follows:—

—	Cars	Percentages
No. 1 Canada Western Yellow	4	1.096
No. 2 Canada Western Yellow	24	6.575
No. 3 Canada Western Yellow	6	1.644
No. 4 Canada Western Yellow	1	.274
No. 5 Canada Western Yellow	6	1.644
Tough	15	4.110
Damp	250	68.493
Sample	58	15.890
Mixed	1	.274
Total	365	100.000

The number of cars of grain inspected at the various points during the crop year August 1, 1940 to July 31, 1941.

—	Cars	Percentages
Winnipeg	168,358	81.928
Calgary	10,421	5.071
The Pas		
Moose Jaw	3,659	1.780
Saskatoon	4,121	2.005
Medicine Hat	2,288	1.114
Lethbridge	166	.081
Prince Rupert		
Vancouver	365	.178
Edmonton	16,042	7.807
Churchill	74	.036
Total	205,494	100.000

SUMMARY OF CARS REINSPECTED, 1940-1941

—	Winnipeg		Calgary	
Cars inspected	168,358		10,421	
Cars reinspected	32,668 — 19.43%		1,200 — 11.51%	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as graded	19,121	58.53	777	64.75
Grades raised	6,420	19.65	163	13.58
Grades lowered	330	1.01	7	.59
Dockage raised	580	1.78	33	2.75
Dockage lowered	6,217	19.03	220	18.33
Total	32,668	100.00	1,200	100.00

TRADE AND COMMERCE

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars inspected.....	16,042		4,121	
Cars reinspected.....	2,447 — 15.25%		249 — 6.04%	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as graded.....	1,869	76.38	233	93.57
Grades raised.....	331	13.53	16	6.43
Grades lowered.....	19	.78		
Dockage raised.....	210	8.58		
Dockage lowered.....	18	.73		
Total.....	2,447	100.00	249	100.00

	Moose Jaw		Medicine Hat	
Cars inspected.....	3,659		2,288	
Cars reinspected.....	320 — 8.74%		80 — 3.49%	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as graded.....	275	85.94	64	80.00
Grades raised.....	41	12.81	10	12.50
Grades lowered.....			4	5.00
Dockage raised.....			2	2.50
Dockage lowered.....	4	1.25		
Total.....	320	100.00	80	100.00

	Lethbridge		Vancouver	
Cars inspected.....	166		365	
Cars reinspected.....	12 — 7.23%		4 — 1.09%	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as graded.....	12	100.00	4	100.00
Grades raised.....				
Grades lowered.....				
Dockage raised.....				
Dockage lowered.....				
Total.....	12	100.00	4	100.00

	The Pas		Churchill	
Cars inspected.....			74	
Cars reinspected.....				

RECAPITULATION OF REINSPECTIONS

Total cars inspected.....	205,494
Total cars reinspected.....	36,980—17·99%

	Cars	Per Cent	Per Cent of Total Inspections
Left as graded.....	22,355	60·45	10·88
Grades raised.....	6,981	18·88	3·40
Grades lowered.....	360	·97	·17
Dockage raised.....	825	2·23	·40
Dockage lowered.....	6,459	17·47	3·14
Total.....	36,980	100·00	17·99

SUMMARY OF CARS APPEALED

	Winnipeg		Calgary		Edmonton		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as graded.....	664	85·68	112	83·58	31	91·18	807	85·58
Grades raised.....	111	14·32	22	16·42	3	8·82	136	14·42
Grades lowered.....								
Dockage raised.....								
Dockage lowered.....								
Total.....	775	100·00	134	100·00	34	100·00	943	100·00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total inspections.....	205,494	100·00
Total appeals.....	943	·45
Total grades changed.....	136	·06

GRAIN INSPECTED AND SHIPPED BY VESSEL AUG. 1, 1940 TO JULY 31, 1941

	Fort William and Port Arthur	Vancouver and New Westminster	Victoria	U.S.A. Duluth	Churchill	Prince Rupert
	bush.					
Wheat.....	217,509,740	3,906,884	149,333	8,040,310		
Oats.....	12,994,986	51,385				
Barley.....	9,947,888	62				
Flaxseed.....	1,612,878	237				
Rye.....	4,253,262	485				
Mixed grain.....	59,576					
Mixed feed oats groats..	20,833					
Barley malt.....	415,943					
Screenings.....	2,210,550					

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1940, TO JULY 31, 1941

Ex PUBLIC, SEMI-PUBLIC AND PRIVATE TERMINAL ELEVATORS

	Winnipeg	Calgary	Moose Jaw	Saska- toon	Edmonton	Leth- bridge	Fort William and Port Arthur	Prince Rupert	Van- couver	Total
Wheat.....	84	1,109	394	300	738	49	1,344	.....	917	4,935
Oats.....	606	154	138	98	39	.....	4,147	.....	205	5,337
Barley.....	227	366	7	.....	52	.....	1,692	.....	78	2,422
Flaxseed.....	31	3	1	.....	.....	1	276	.....	.....	312
Rye.....	8	1	3	.....	.....	.....	80	.....	8	100
Mixed Grain.....	72	24	.....	4	3	.....	66	.....	26	195
Corn.....	2	.....	.....	.....	.....	.....	178	.....	.....	180
Mixed Feed Oats, Groats.....	.....	.....	.....	.....	.....	.....	28	.....	.....	28
Screenings.....	190	155	18	120	13	.....	1,962	.....	114	2,572
Total.....	1,220	1,812	561	522	845	50	9,773	.....	1,348	16,131

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1940 TO JULY 31, 1941

<i>Cargoes—</i>	Bushels	Bushels
Grain grown in Eastern Division—		
At Chatham.....	22,000	
Grade No. 1 C.E. Yellow Corn.....		22,000
<i>Car Loads—</i>	Cars	Cars
Grain grown in Eastern Division—		
At Montreal.....	39	
At Toronto.....	1,644	
At Chatham.....	1,248	2,931

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1940 TO JULY 31, 1941

	Bushels	Bushels
Western grain.....	138,969,572	
Eastern grain.....	55,955	
African grain (corn).....	694,047	
Argentine grain (corn and flax).....	3,703,996	
United States grain.....	14,883,683	
Indian grain (flax).....	2,428	158,309,681
At Montreal.....	71,701,164	
At Quebec.....	11,695,998	
At Sorel.....	14,434,495	
At St. John.....	34,309,205	
At Three Rivers.....	7,789,692	
At Halifax.....	18,379,127	158,309,681

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1940 TO JULY 31, 1941

	Montreal	Toronto	Chatham
Western grain.....	263	34	
Eastern grain.....	66		14
Argentine grain (corn).....	27		
Miscellaneous grain (malt).....	153	17	
	509	51	14

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		22	36	58
No. 2 C.E. White Winter.....		9	27	36
No. 3 C.E. White Winter.....		1	4	5
No. 5 C.E. White Winter.....		2		2
No. 1 C.E. Red Winter.....		16	91	107
No. 2 C.E. Red Winter.....			7	7
No. 3 C.E. Red Winter.....			2	2
No. 1 C.E. Mixed Winter.....		322	369	791
No. 2 C.E. Mixed Winter.....		108	166	274
No. 3 C.E. Mixed Winter.....		12	30	42
No. 5 C.E. Mixed Winter.....		1		1
No. 4 C.E. Red Spring.....	1			1
Tough.....		265	219	484
Damp.....		9		9
Smutty.....		13	5	18
Sample Mixed Winter.....	1	54	7	62
<i>Oats—</i>				
No. 1 C.E. White.....		1	2	3
No. 2 C.E. White.....	3	8	5	16
No. 3 C.E.....	1	22	4	27
No. 4 C.E.....		17		17
Tough.....		2	4	6
Sample.....		19		19
<i>Barley—</i>				
No. 2 C.E. Six Row.....		2		2
No. 3 C.E. Six Row.....		22	1	23
No. 4 C.E.....		1		1
Tough.....		5		5
Sample.....		1		1
<i>Corn—</i>				
No. 1 C.E. Yellow.....	5	156	33	194
No. 2 C.E. Yellow.....	13	255	48	316
No. 3 C.E. Yellow.....	4	214	46	264
No. 4 C.E. Yellow.....		51	18	69
No. 5 C.E. Yellow.....		5	4	9
No. 1 C.E. White.....	1			1
No. 2 C.E. White.....			2	2
No. 5 C.E. White.....			1	1
No. 1 C.E. Mixed.....		6		6
No. 2 C.E. Mixed.....		7	2	9
No. 3 C.E. Mixed.....		3		3
Sample.....	1	8	1	10
<i>Buckwheat—</i>				
Tough.....	3	1		4
Damp.....	5	3	1	9
<i>Pea Beans—</i>				
No. 1 C.E.....			72	72
No. 2 C.E.....			14	14
No. 3 C.E.....			5	5
Tough.....			21	21
Damp.....	2		1	3
Total.....	39	1,644	1,248	2,931

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

THE SECRETARY,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Weighing Branch for the crop year 1940-41.

In accordance with Sections 91 and 123 of the Act, weighing services were supplied at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators. At elevators operating under a Mill Elevator licence in the Western Division, weighing services were also supplied as required under Section 99, Part 2, of the Act.

Weighing services were supplied at six points in the Eastern Division on a fees basis for the purpose of weighing car lots of grain for domestic uses when required—Goderich Elevator; Western Canada Flour Mills Elevator, Goderich; Canada Steamship Lines Elevator; Midland Simcoe Elevator; Aberdeen Elevator; Midland; Great Lakes Elevator, Owen Sound; Canadian Pacific Railway Elevator, Port McNicoll; Sarnia Elevator, Sarnia; Toronto Elevator, Toronto.

The equipment used for receiving, shipping and weighing grain in all licensed elevators where weighing services have been supplied, has been maintained in good condition under the supervision of officers of this Branch.

In accordance with the Weights and Measures Acts and Regulations, 1929, Chapter 212, Section 50, I carried out the annual inspection of scales, under my authority as Inspector of Weights and Measures, of all terminal elevator scales in the following elevators (with the help of my assistant): All terminal elevators at Port Arthur and Fort William; the Canadian Government interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton, Lethbridge and Prince Rupert; and those terminal elevators loading to tide water at the Pacific Coast; and the National Harbours Board Elevator at Port Churchill; for which certificates of verification were issued. Semi-annual inspection of the scales in the above elevators was made as usual; also special inspections were made when necessary and upon request.

In the Eastern Division Mr. Marples of Montreal conducted the inspection of scales in Eastern elevators licensed by the Board, in accordance with the Weights and Measures Act, for which reports have been received in this office.

Very few complaints were received during the crop year of alleged shortages on cars unloaded at Terminal points. Those received were promptly investigated, and, where investigation warranted it, adjustments were made or recommended.

Reported outturns on vessels loaded at Port Arthur and Fort William during the crop year continue to vary according to the ports or elevators at which cargoes are unloaded. Some unloading elevators continue to show, from season to season, very satisfactory outturns, which indicates careful handling and weighing while other outturns are not so satisfactory. On the whole, however, you will note in the grand totals on statements which are enclosed showing the average reported shortage of pounds per 1,000 bushels on vessel shipments ex the Head of the Lakes there is a slight improvement over last year. Some complaints were received on the outturn of cargoes which were held Identity Preserved in Eastern Elevators and arrangements were made for reweighing, by officers of this Branch, and recovery was made, in some cases of almost the entire reported shortage, proving undoubtedly

TRADE AND COMMERCE

that errors had been made in weighing the grain into the elevators from the vessels. In other cases, where complaints were received, investigations were made at loading elevators and no evidence was brought to light whereby the loading elevator could be held responsible for the shortages, it being nearly always the case that the grain in store in the Eastern elevator was not held Identity Preserved. There were 1,162 cargoes loaded at the Lakehead during the crop year.

Complaints were received on the outturn of cargoes of five vessels that were loaded at Montreal and Saint John for export, into which a thorough investigation was made at the loading elevators; also records of weighing were carefully rechecked and reports submitted to the Board with recommendations.

The grain in store in all Public Terminals, Semi-Public Terminal Elevators, the four top grades of wheat, and the two top grades of garnet wheat in Private Terminals situated in the Western Division, was weighed over during the crop year where possible, and in other cases was estimated as required under Order in Council P.C. 5298. The stocks of grain in store in the above elevators were exceedingly large during the year. All grain in elevators operating in the Eastern Division was weighed over during the year as required under the Act. Statements of the correct quantities of the various grades in store in each of the above elevators that were weighed over were prepared by this Branch and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Elevators, the establishment of overages in terminal elevators and Eastern Elevators in accordance with the provisions of Section 138 and 138A of The Canada Grain Act.

I pointed out in my last report that several members of the staff had been granted leave of absence to enlist in various branches of His Majesty's Forces for active service. I am glad to report that further enlistments have taken place during this year and I might mention that a number of the members of the staff made application for enlistment but have been rejected, being unable to pass the medical examination.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

The following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1941.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Vessel	Rail	
	bush.	bush.	bush.	bush.
Wheat.....	225,820,332-00	141,771-50	219,849-30	226,181,953-20
Oats.....	20,650,291-27	255,930-20	.....	20,906,222-13
Barley.....	13,585,197-42	19,858-16	.....	13,605,056-10
Flaxseed.....	2,499,814-39	17,358-04	.....	2,517,172-43
Rye.....	4,734,834-19	9,970-10	.....	4,744,804-29
Canadian Corn (ex vessel).....	14,123-02	.....	.....	14,123-02
Canadian Corn.....	259,487-34	30,662-42	.....	290,150-20
	lbs.	lbs.	lbs.	lbs.
Mixed Grain.....	15,817,310	1,884,140	.....	17,701,450
Mixed Feed Oats Groats.....	.....	1,151,230	.....	1,151,230
Sample Barley Malt.....	14,973,980	.....	.....	14,973,980
All Screenings.....	14,131,960	16,219,920	.....	30,351,880

FORT WILLIAM—PORT ARTHUR—*Concluded*

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	217,422,252-20	2,168,686-20	77,879-20	150,134-30	219,818,952-30
Oats.....	12,993,315-12	8,571,905-32	.....	238,911-03	21,804,132-13
Barley.....	9,947,889-12	2,990,272-04	.....	21,710-34	12,959,872-02
Flaxseed.....	1,612,878-28	450,793-18	.....	15,994-22	2,079,666-12
Rye.....	4,253,262-55	99,206-34	.....	11,267-54	4,363,737-31
Canadian Corn.....	.....	266,232-32	.....	30,775-28	297,008-04
	lbs.	lbs.	lbs.	lbs.	lbs.
Mixed Grain.....	3,354,350	5,858,170	.....	1,883,408	11,096,108
Mixed Feed Oats					
Groats.....	1,000,000	880,000	.....	1,152,460	3,032,460
Sample Barley Malt	14,973,980	.....	.....	.....	14,973,980
All Screenings.....	132,488,100	110,693,000	.....	17,905,800	261,086,900

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1940-41
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	8,435,826-00	876,259-00	327,760-00	1,664-00	128,723-00	9,130,480
Victoria.....	558,812-00	1,007-00	.....	.....	.....	.....
Prince Rupert.....	73,108-00	.....	.....	.....	.....	.....
Churchill.....	120,304-00	.....	.....	.....	.....	.....
Calgary.....	3,334,715-00	10,366-00	101,303-00	.....	.....	.....
Edmonton.....	2,258,429-00	4,508-00	.....	.....	.....	.....
Lethbridge.....	299,217-00	454-00	509-00	4,891-00	.....	7,780
Moose Jaw.....	504,601-00	.....	.....	.....	.....	.....
Saskatoon.....	677,694-00	822-00	.....	.....	.....	.....
Eastern Terminal—						
North Transcona.....	297,426-00	5,064-00	6,782-00	.....	.....	82,500
Gillespie Grain, Edmonton.....	68,372-00	92,037-00	113,966-00	.....	515-00	55,460

SHIPMENTS

Point	Wheat	Oats	Barley	Flax	Rye	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	6,092,398-00	1,092,156-00	422,740-00	304-00	131,815-00	16,314,260
Victoria.....	169,478-00	8,404-00	.....	.....	.....	526,420
Prince Rupert.....	278-00	.....	.....	.....	.....	.....
Churchill.....	.....	.....	.....	.....	.....	605,350
Calgary.....	1,808,142-00	97,250-00	101,248-00	.....	.....	2,289,760
Edmonton.....	1,249,810-00	38,617-00	1,662-00	.....	.....	2,394,980
Lethbridge.....	93,259-00	1,648-00	490-00	3,960-00	.....	481,600
Moose Jaw.....	25,501-00	2,275-00	45-00	.....	.....	648,815
Saskatoon.....	36,620-00	22,484-00	.....	.....	.....	1,816,110
Eastern Terminal—						
North Transcona.....	2,876-00	6,408-00	6,674-00	.....	222-00	405,885
Gillespie Grain, Edmonton.....	67,646-00	107,014-00	99,876-00	.....	500-00	807,700

TRADE AND COMMERCE

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR 1940-41
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	U.S.A. Wheat	Argentine Corn	South African Corn
	bush.	bush.	bush.
Vancouver and New Westminster.....		423,687	12,140

SHIPMENTS

Vancouver and New Westminster.....	2,466	296,748	214,740
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TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1940-1941

Kenora.....	994
Keewatin.....	6,095
Winnipeg.....	10,449
Churchill.....	74
Saskatoon.....	4,814
Moose Jaw.....	5,163
Calgary.....	4,410
Edmonton.....	609
Medicine Hat.....	2,893
Lethbridge.....	22
Total.....	35,523

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1940-1941

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	9,167	453	94
Elevators, excluding Lakehead.....	2,028	345	35
Total.....	11,195	798	129

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	6,426	156	40
Elevators, excluding Lakehead.....	806	43	13
Total.....	7,232	199	53
Total both roads.....	18,427	997	182

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	2,479	600
C.N.R. Yards.....	1,486	314
Total.....	3,965	914

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND FORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	168,091,822-39	Short 26.98
Oats.....	6,936,090-21	Short 25.27
Barley.....	8,509,167-08	Short 49.68
Flaxseed.....	1,557,667-55	Short 8.61
Rye.....	992,314-25	Overage 1.77
Barley Malt.....	14,973,980 lbs.	Short .14 lbs. per 1,000 lbs.
Mixed Feed Oats Groats.....	500 Tons	Short .32 lbs. per ton
Screenings.....	30,088-0850 tons	Short 1.69 lbs. per ton

AMERICAN PORTS

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	49,347,181-00	Short 27.27
Oats.....	6,082,554-15	Short 28.19
Barley.....	1,462,693-06	Short 67.71
Flaxseed.....	55,129-46	Over 30.65
Rye.....	3,304,946-42	Short 11.44
Screenings.....	31,960-1300 tons	Short 7.12 per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Busheles	Pounds per 1,000 bushels
Wheat.....	217,439,003-39	Short 27.04
Oats.....	13,018,645-02	Short 26.64
Barley.....	9,971,860-14	Short 52.32
Flaxseed.....	1,612,797-45	Short 7.26
Rye.....	4,297,261-11	Short 8.39
Barley Malt.....	14,973,980 lbs.	Short .14 lbs. per 1,000 lbs.
Mixed Feed Oats Groats.....	500 tons	Over .32 lbs. per ton
Screenings.....	65,183-0350 tons	Short 4.48 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT., December 9, 1941.

The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report covering the operations of the Canadian Government Elevators for the year 1941.

ELEVATORS OPERATED

During the entire year the interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were operated under Public Terminal Elevator licences.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continues to be operated by McCabe Bros. Grain Co. Ltd. under lease which expires in 1944.

TARIFF OF CHARGES

The tariff of charges for handling, storing and treating grain was on the same basis as that in effect the previous season.

VOLUME OF GRAIN HANDLED

There was a considerable decrease, as compared with the previous year, in the amount of grain received at all the elevators, with the exception of Calgary; at the same time the volume of grain in store at all points remained throughout the year at a figure much above that of normal years.

Grain in store at all points on July 31, 1941, was 18,539,011 bushels, only 20,000 bushels below the all time record high stocks, 18,559,708 during the week ending July 3, 1941.

The following comparative statement shows receipts of grain at each elevator during the past two crop years:—

Elevator	1939-40	1940-41	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	6,346,378	496,118	5,850,260	
Saskatoon.....	6,093,439	657,291	5,436,148	
Calgary.....	2,974,757	3,380,353		405,596
Edmonton.....	4,723,655	2,211,976	2,511,679	
Lethbridge.....	1,510,401	299,152	1,211,249	
Prince Rupert.....	1,155,662	73,089	1,082,573	
Total Decrease.....	22,804,292	7,117,979	16,091,909	405,596
	—	—	15,686,313	—

There was comparatively little movement of grain out of the elevators during the crop year, shipment amounting to only 3,380,000 bushels of which 1,250,000 bushels was shipped from Edmonton and 1,970,000 bushels from Calgary.

All buildings, machinery, equipment and trackage at all elevators have been maintained in good condition, expenditures for this purpose being included in operating costs.

Major repairs and replacements at the several points included the following items:—

BUILDINGS, ETC.

<i>Prince Rupert</i> —	Galleries and warehouse painted. 3 cable supports on dock renewed. Rock fill replaced under corner of workhouse.
<i>Port Arthur</i> —	Repairs to cupola walls.

EQUIPMENT

<i>Port Arthur</i> —	New grate bars in drier boilers. 2 new belts on drier fan. 2 coils transmission rope. 3 chain drives and 2 drive chains. 1 new screw conveyor. 7 light fixtures on dockside renewed.
<i>Moose Jaw</i> —	2 Voltage Regulators installed. 3 Chain drives replaced. 250 Elevator Buckets.
<i>Saskatoon</i> —	Rope Drives renewed.
<i>Calgary</i> —	24 Static Condenser units replaced. 1 new Distributing Panel installed. Rope Drives renewed. 2 Head Pulleys on shipping legs renewed. 200 Elevator Buckets.
<i>Edmonton</i> —	6 Chain Drives replaced.

The following trackage replacements were made during the year:—

<i>Port Arthur</i> —	1,500 Treated Ties. 1,650 Tie Plates.
<i>Saskatoon</i> —	1,350 Treated Ties. 2,700 Tie Plates.
<i>Calgary</i> —	500 Treated Ties. 100 Untreated Ties. 1,320 feet light rail replaced with 85 lb. rail.
<i>Edmonton</i> —	1,000 Treated Ties. 1,000 Tie Plates.
<i>Lethbridge</i> —	300 Treated Ties.

STAFFS

Staffs at all points were maintained at the minimum of requirements, the following necessary changes taking place during the year—

- 2 Permanent employees retired on account of age.
- 1 Permanent and 2 Temporary employees resigned.
- 1 Permanent employee died.
- 1 Permanent and 3 Temporary employees are on leave for military service.

Vacancies created by the above separations have been partially filled by three temporary appointments. Eleven permanent employees who were retired in 1936 and later re-engaged on temporary basis were granted permanent status during the year.

It is with deep regret we record the death of Mr. Geo. R. Eltherington, Superintendent of the Lethbridge elevator, which occurred after a short illness. Mr. Eltherington was one of the senior members of the staff, having entered the service in 1915, and was a faithful and capable officer.

RESULTS OF OPERATION

In order to bring the financial records of the elevator system into line with the Government fiscal year, the books were closed as at March 31, 1941, instead of July 31 as in former years. The records therefore only covered the eight month period from August 1, 1940 to March 31, 1941.

During that period gross earnings and sundry small adjustments amounted to \$725,125.63 and expenditures \$207,985.63, leaving a surplus of \$517,140.00. This compares very favourably with the surplus of \$618,178.92 for the preceding complete crop year, August 1, 1939 to July 31, 1940. These figures do not include any provision for depreciation of plants and equipment, but, as stated earlier in this report, these have all been maintained in good condition, expenditures being included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN., December 31, 1941.

THE SECRETARY,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1941.

From the point of view of the laboratory, the characteristic feature of the 1941 crop was again slow movement and the difficulty of obtaining fully representative samples early in the fall. Methods worked out last year for meeting a similar situation required modification owing to the change in the grading picture which occurred as a result of widespread and heavy rains after threshing had started. New collections of "post-rain" samples were immediately started, and by weighting these and "pre-rain" collections, from each crop district, in accordance with production and percentage threshing before serious damage from rain occurred, it was possible to obtain fairly representative composite samples of the principal grades of the new crop. Information on these was presented to the Western Committee on Grain Standards and released to the public in the usual maps, reports and press releases. The 1941 wheat crop proved to be extremely high in protein content and baking strength, and although bushel weight tended to be low, flour yields were not as low as might have been expected. After the wet harvest, bleaching and sprouting were widely prevalent, but adequate information was available on the effect of these types of damage on milling and baking quality.

With large stocks of grain in store in Canada, it has been necessary to guard against the outbreak of serious insect infestations. The laboratory has co-operated with Dr. B. N. Smallman, Entomologist working under the direction of the Division of Entomology, Department of Agriculture, by providing him with laboratory space, equipment, and an assistant, and by undertaking those parts of certain investigations dealing with the effect of conditions and treatments on the moisture content and quality of grain.

As in previous years, assistance was given to the Inspection Branch in the preparation of tentative standard and tentative export standard samples of hard red spring and durum wheat, and data on the quality of these and of average samples were prepared for the Western Committee on Grain Standards. Testing of samples of dried wheat of the 1940 and 1941 crops proved the most time-consuming work undertaken for the Inspection Branch. Germination tests on dried barley were made through the co-operation of the Seed Branch, Plant Products Services, Department of Agriculture. Other studies undertaken for the Inspection Branch were of a minor nature.

Co-operative investigations of the quality of new varieties of hard red spring wheat and durum wheat were continued under the program sponsored by the Associate Committee on Grain Research (Canada) and similar studies on spring wheat were made for the Northwest Crop Improvement Association (United States). An investigation of soft wheat requirements in British Columbia was undertaken for the Canadian Wheat Board, while assistance was given to other institutions and government departments by making various minor series of routine determinations.

The collection of complete data on the 1940 crop, and on grain moving during the 1940-41 crop year, was carried on along usual lines. Attention should be drawn to the fact that the survey of carlot shipments now provides data

not only on protein content but also on bushel weight and grade. A further advance has also been made by standardizing the types of data collected for various other crops so that more uniform and comprehensive records are now available. The collection of adequate preliminary data on the 1941 crops presented certain difficulties noted above, but although the report on the milling and baking quality of spring wheat was delayed, the protein survey was published much earlier than usual and other reports were issued on time. Seven press statements on crop quality, including preliminary, interim and final protein survey maps, were released, and a number of the laboratory reports were summarized in the daily press and in trade journals.

During the year the laboratory submitted 48 reports to the Board, 8 of which were also released to the public. In addition, the following two scientific papers were published:—

1. W. F. Geddes, F. C. Hildebrand and J. A. Anderson. The effect of wheat type, protein content, and malting conditions on the properties of malted wheat flour. *Cereal Chem.* 18: 42-60. 1941.
2. F. H. Lehberg and J. A. Anderson. Western Canadian Flaxseed. *Sci. Agr.* 21: 727-745. 1941.

As part of a broad program of investigations on new and expanded uses for wheat, undertaken by the Associate Committee on Grain Research, the laboratory has started further studies on the isolation from wheat of gluten of unimpaired baking quality. Other major investigations include studies of the utility of the extensograph, alveograph, and farinograph, for evaluating the quality of Western Canadian wheat, and of micro-techniques for assessing the macaroni-making quality of durum wheat. A number of minor investigations are also in progress.

The laboratory operated this year without additional help during the rush of fall work and every effort was made to economize in other ways. The effects of the war on the laboratory have not as yet been great. With the average age of the staff fairly high, only one member has so far left to join the armed forces. Mr. R. Ducker, enlisted in the R.C.A.F. for instrument repair work and is now overseas. Increasing difficulty in obtaining certain classes of chemicals and equipment has been noted but has caused no serious trouble. It is clear, however, that it is now necessary to make definite plans in anticipation of further problems of various sorts arising directly or indirectly out of the world wide spread of the war.

A detailed report on the work of the Grain Research Laboratory has been prepared. In accordance with past practice, it is recommended that this report be published separately with the object of putting on record data on the quality of the more important Canadian grain crops, and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR THE FISCAL
YEAR ENDING MARCH 31, 1941STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941

(a) WINNIPEG—

Revenue—

Licence Fees.....	\$	31,058 00
Registration Fees.....	\$ 9,374 64	
Cancellation Fees.....	9,046 32	
		18,420 96
Inspection Fees.....	150,927 00	
Samples Sold.....	5,033 23	
Cargo Certificates Split.....	126 30	
Sampling Fees.....	654 00	
Refund Express.....	1,368 50	
Sundries.....	814 85	
		158,923 88
Appeal Fees.....		2,106 00
Weighing Fees.....	10,813 00	
Condition Reports.....	189 00	
		11,002 00

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	10,621 20
Licensing and Bonding.....	11,479 32

Rents—

Executive Office.....	3,236 80
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	2,579 63
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General Expenses—

Grain Commission.....	3,345 72
Licensing and Bonding.....	765 08

Printing and Stationery—

Grain Commission.....	1,108 20
Licensing and Bonding.....	1,814 99

Assistant Commissioner's Office—

Salaries.....	8,811 25
Rent.....	543 12
Travelling Expenses.....	1,051 72
General Expenses.....	187 68
Printing and Stationery.....	8 27

83,227 42

Grain Research Laboratory—

Salaries.....	30,772 75
Rent.....	7,819 20
Travelling Expenses.....	552 56
General Expenses.....	7,039 68
Printing and Stationery.....	2,513 95

48,698 14

Registration Branch—

Salaries.....	12,960 00
Rent.....	1,351 44
General Expenses.....	347 00
Printing and Stationery.....	193 45

14,881 89

Accounts—

Salaries.....	6,033 23
General Expenses.....	73 04
Printing and Stationery.....	359 08

6,495 35

Inspection Branch—

Salaries.....	209,784 24
Rent.....	15,848 60
Travelling Expenses.....	1,029 16
General Expenses.....	11,227 94
Printing & Stationery.....	4,513 90

242,403 84

Weighing Branch—

Salaries.....	30,697 56
Rent.....	1,397 16
Travelling Expenses.....	138 90
General Expenses.....	376 32
Printing and Stationery.....	314 99

32,924 93

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941—Continued

<i>(a) WINNIPEG—Concluded</i>				
<i>Expenditure—Con.</i>				
Grain Appeal Tribunal—				
Salaries.....	\$	4,380 00		
Rent.....		369 12		
General Expenses.....		1,493 50		
			\$	6,242 62
Grain Standards Committee—				
Travelling Expenses.....		1,436 09		
General Expenses.....		1,560 00		
				2,996 09
			\$	437,870 28
<i>(b) CHURCHILL—</i>				
<i>Revenue—</i>				
Inspection Fees.....				74 00
Weighing Fees.....				74 00
				148 00
<i>Expenditure—</i>				
Inspection Branch—				
Salaries.....		552 21		
Travelling Expenses.....		421 05		
				973 26
Weighing Branch—				
Salaries.....		472 94		
Travelling Expenses.....		582 65		
				1,055 59
				2,028 85
<i>(c) KEEWATIN—</i>				
<i>Revenue—</i>				
Weighing Fees.....			5,001 00	
				5,001 00
<i>Expenditure—</i>				
Salaries—Inspection Branch.....			1,760 00	
Salaries—Weighing Branch.....		4,890 00		
General Expenses.....		39 00		
			4,929 00	
				6,689 00
<i>(d) KENORA—</i>				
<i>Revenue—</i>				
Weighing Branch Fees.....				2,215 80
<i>Expenditure—</i>				
Weighing Branch—				
Salaries.....		2,215 80		
General Expenses.....		6 90		
				2,222 70
<i>(e) SASKATOON—</i>				
<i>Revenue—</i>				
Inspection Fees.....		4,611 20		
Samples Sold.....		156 61		
Sundries.....		7 50		
			4,775 31	
Weighing Fees.....			7,089 00	
				11,864 31
<i>Expenditure—</i>				
Assistant Commissioner's Office—				
Salaries.....		8,756 70		
Travelling Expenses.....		840 08		
General Expenses.....		94 57		
Printing and Stationery.....		36 04		
			9,727 39	
Inspection Branch—				
Salaries.....		12,473 87		
Rent.....		877 00		
General Expenses.....		529 41		
Printing and Stationery.....		202 86		
			14,083 14	
Weighing Branch—				
Salaries.....		10,320 00		
Travelling Expenses.....		146 70		
General Expenses.....		19 60		
Printing and Stationery.....		48 78		
			10,535 08	
				34,345 61

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941—Continued

(f) MOOSE JAW—

Revenue—

Inspection Fees.....	\$ 4,709 80	
Samples Sold.....	113 42	
Sundries.....	17 00	
	<u> </u>	\$ 4,840 22
Weighing Fees.....		<u>5,754 15</u>
		\$ 10,594 37

Expenditure—

Inspection Branch—

Salaries.....	10,861 32	
Rent.....	900 00	
Travelling Expenses.....		
General Expenses.....	704 43	
Printing and Stationery.....	140 07	
	<u> </u>	12,605 82

Weighing Branch—

Salaries.....	7,245 00	
General Expenses.....	36 22	
Printing and Stationery.....	60 34	
	<u> </u>	7,341 56

19,947 38

(g) MEDICINE HAT—

Revenue—

Inspection Fees.....	1,951 00	
Samples Sold.....	121 70	
Sundries.....	14 00	
	<u> </u>	2,086 70
Weighing Fees.....		<u>4,052 00</u>
		6,138 70

Expenditure—

Inspection Branch—

Salaries.....	4,347 72	
Rent.....	240 00	
General Expenses.....	188 97	
Printing and Stationery.....	96 66	
	<u> </u>	4,873 35

Weighing Branch—

Salaries.....	4,632 00	
General Expenses.....	4 00	
	<u> </u>	4,636 00

9,509 35

(h) LETHERBRIDGE—

Revenue—

Inspection Fees.....	435 70	
Samples Sold.....	22 13	
Sundries.....	45 50	
	<u> </u>	503 33
Weighing Fees.....		<u>370 10</u>
		873 43

Expenditure—

Inspection Branch—

Salaries.....	4,246 13	
Travelling Expenses.....		
General Expenses.....	28 12	
Printing and Stationery.....		
	<u> </u>	4,274 25

Weighing Branch—

Salaries.....	4,080 00	
General Expenses.....	8 50	
	<u> </u>	4,088 50

8,362 75

(i) CALGARY—

Revenue—

Inspection Fees.....	12,013 75	
Samples Sold.....	427 59	
Refund Express.....	29 75	
Sundries.....	501 50	
	<u> </u>	12,972 59
Weighing Fees.....		<u>9,242 55</u>
Appeal Fees.....		<u>420 00</u>
		22,635 14

Expenditure—

Assistant Commissioner's Office—

Salaries.....	8,977 00	
Rent.....	838 00	
Travelling Expenses.....	1,284 04	
General Expenses.....	407 16	
Printing and Stationery.....	43 34	
	<u> </u>	11,549 54

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941—Continued

(i) CALGARY—Continued

Expenditure—Con.

Inspection Branch—

Salaries.....	\$ 30,682 24	
Rent.....	3,000 00	
Travelling Expenses.....	110 65	
General Expenses.....	2,063 93	
Printing and Stationery.....	490 80	
		\$ 36,347 62

Weighing Branch—

Salaries.....	18,788 50	
Rent.....	314 04	
Travelling Expenses.....	159 20	
General Expenses.....	210 33	
Printing and Stationery.....	84 79	
		19,556 86

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	420 00	
General Expenses.....	357 00	
		5,376 96

(j) PRINCE RUPERT—

Revenue—

Inspection Fees.....	20 60	
Samples Sold.....		
Weighting Fees.....	57 00	
		77 60

Expenditure—

Inspection Branch—

Salaries.....	31 94	
Travelling Expenses.....	113 10	
General Expenses.....	8 25	
		153 29

Weighing Branch—

Salaries.....	1,976 29	
Travelling Expenses.....	222 60	
		2,198 89

(k) EDMONTON—

Revenue—

Inspection Fees.....	16,007 15	
Samples Sold.....	344 61	
Refund Express.....	38 25	
Sundries.....	293 50	
		16,683 51
Weighting Fees.....		4,438 65
Appeal Fees.....		135 00
		21,257 16

Expenditure—

Inspection Branch—

Salaries.....	39,957 73	
Rent.....	3,834 00	
Travelling Expenses.....	74 98	
General Expenses.....	1,634 97	
Printing and Stationery.....	445 71	
		45,947 39

Weighing Branch—

Salaries.....	10,160 00	
General Expenses.....	146 33	
Printing and Stationery.....	69 11	
		10,375 44

Grain Appeal Tribunal—

Salaries.....	4,599 96	
Rent.....	510 00	
General Expenses.....	175 10	
		5,285 06

(l) VANCOUVER—

Revenue—

Inspection Fees.....	5,859 05	
Samples Sold.....	314 44	
Cargo Cert. Split.....		
Sundries.....	50	
		6,173 99
Weighting Fees.....		11,502 05
Registration Fees.....	343 08	
Cancellation Fees.....	244 72	
		587 80
		18,263 84

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941—*Concluded*

(l) VANCOUVER—*Concluded**Expenditure—*

Inspection Branch—

Salaries.....	\$ 55,859 62	
Rent.....	4,239 00	
Travelling Expenses.....		
General Expenses.....	1,546 83	
Printing and Stationery.....	675 63	
	<u>\$</u>	62,321 08

Weighing Branch—

Salaries.....	70,009 52	
Rent.....	1,659 00	
General Expenses.....	604 95	
Printing and Stationery.....	190 59	
	<u></u>	72,464 06

Registration Branch—

Salaries.....	5,820 00	
Rent.....	1,092 00	
General Expenses.....	171 39	
Printing and Stationery.....	126 35	
	<u></u>	7,209 74
	<u>\$</u>	141,994 88

(m) FORT WILLIAM—

Revenue—

Inspection Fees.....	221,174 65	
Samples Sold.....	5,368 10	
Cargo Certificate Splits.....	8 80	
	<u></u>	226,551 55
Weighing Fees.....		355,747 65
		<u></u>
		582,299 20

Expenditure—

Inspection Branch—

Salaries.....	322,146 56	
Rent.....	12,176 88	
Travelling Expenses.....	3,815 56	
General Expenses.....	6,969 20	
Printing and Stationery.....	3,202 45	
	<u></u>	348,310 65

Weighing Branch—

Salaries.....	244,327 31	
Rent.....	2,864 68	
Travelling Expenses.....	9,832 56	
General Expenses.....	2,871 00	
Printing and Stationery.....	4,124 20	
	<u></u>	264,019 75

Assistant Commissioner's Office—

Salaries.....	8,880 00	
Rent.....	540 00	
Travelling Expenses.....	283 22	
General Expenses.....	196 37	
Printing and Stationery.....	2 45	
	<u></u>	9,902 04

Statistical Branch—

Salaries.....	41,038 63	
Rent.....	3,285 00	
Travelling Expenses.....	178 20	
General Expenses.....	2,330 44	
Printing and Stationery.....	1,754 71	
	<u></u>	48,586 98
		670,819 42

(n) TORONTO—

Revenue—

Inspection Fees.....	1,286 00	
Sampling Fees.....	54 00	
Samples Sold.....	22 19	
Cargo Certificate Split.....	8 10	
	<u></u>	1,370 29

Expenditure—

Inspection Branch—

Salaries.....	4,920 00	
Rent.....	540 00	
Travelling Expenses.....		
General Expenses.....	317 42	
Printing and Stationery.....	10 82	
	<u></u>	5,788 24

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1941—Continued

(o) MONTREAL—

Revenue—

Inspection Fees.....	\$	555 49	
Sampling Fees.....		795 16	
Samples Sold.....		177 78	
Cargo Certificate Split.....		646 40	
		<hr/>	
Registration Fees.....		3,137 83	
Cancellation Fees.....		3,155 07	
		<hr/>	
Weighing Fees.....			6,292 90
			15 00
			<hr/>
			\$ 8,482 73

Expenditure—

Inspection Branch—

Salaries.....	32,875 91	
Rent.....	1,940 04	
Travelling Expenses.....	3,187 07	
General Expenses.....	953 94	
Printing and Stationery.....	514 93	
	<hr/>	
		39,471 89

Registration Branch—

Salaries.....	4,511 20	
Rents.....	420 00	
General Expenses.....	217 60	
Printing and Stationery.....	83 14	
Travelling Expenses.....	109 55	
	<hr/>	
		5,341 49

Weighing Branch—

Salaries.....	1,500 00	
Rent.....	320 00	
Travelling Expenses.....	156 06	
General Expenses.....	81 70	
Printing and Stationery.....	6 27	
	<hr/>	
		2,064 03

46,877 41

(p) CHATHAM—

Revenue—

Inspection Fees.....	1,043 00	
Samples Sold.....	61 01	
Sampling Fees.....	2,175 00	
	<hr/>	
		3,279 01

Expenditure—

Inspection Branch—

Salaries.....	6,331 56	
Rent.....	370 00	
Travelling Expenses.....	2,527 93	
General Expenses.....	464 29	
Printing and Stationery.....	34 24	
	<hr/>	
		9,728 02

(q) VICTORIA—

Revenue—

Inspection Fees.....	231 80	
Samples Sold.....	13 27	
	<hr/>	
Weighing Fees.....		245 07
		512 80
		<hr/>
		757 87

Expenditure—

Inspection Branch—

Salaries.....	2,781 29	
Travelling Expenses.....		
General Expenses.....	7 30	
	<hr/>	
		2,788 59

Weighing Branch—

Salaries.....	2,460 00	
Travelling Expenses.....	188 25	
General Expenses.....	2 00	
	<hr/>	
		2,650 25

5,438 84

(r) DULUTH—

Revenue—

Inspection Fees.....		2,731 45
----------------------	--	----------

Expenditure—

Salaries.....	10,174 18	
Travelling Expenses.....	4,390 19	
General Expenses.....	445 15	
	<hr/>	
		15,009 52

SUMMARY OF OPERATION BY BRANCHES

REVENUE

	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fees.....	423,631 64	416,884 75	2,661 00	25,301 66	31,058 00					899,537 05
Sampling.....	3,678 16									3,678 16
Express Charges.....	1,436 50									1,436 50
Cargo Splits.....	789 60									789 60
Samples Sold.....	12,176 08									12,176 08
Condition Reports.....		189 00								189 00
Sundries.....	1,694 35									1,694 35
	443,406 33	417,073 75	2,661 00	25,301 66	31,058 00					919,500 74

EXPENDITURE

Salaries.....	749,786 52	413,774 92	13,579 92	23,291 20	94,145 47	41,038 63	6,033 23	30,772 75		1,372,422 64
Rents.....	43,965 52	6,554 88	1,299 12	2,893 44	6,212 36	3,285 00		7,819 20		72,029 52
Travel.....	15,669 69	11,426 92		109 55	6,038 69	178 20		552 56	1,436 09	35,411 70
Expenses.....	27,090 15	4,406 85	2,025 60	735 99	4,996 58	2,330 44	73 04	7,039 68	1,560 00	50,258 33
Printing and Stationery.....	10,328 07	4,899 07		402 94	3,013 29	1,754 71	389 08	2,513 95		23,301 11
	846,839 95	441,062 64	16,904 64	27,433 12	114,406 39	48,586 98	6,495 35	48,698 14	2,996 09	1,553,423 30

Net Deficit.....\$ 653,922 56

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Winnipeg.....	158,923 88	11,002 00	2,106 00	18,420 96	31,058 00					221,510 84
Churchill.....	74 00	74 00								148 00
Keewatin.....		5,001 00								5,001 00
Kenora.....		2,215 80								2,215 80
Saskatoon.....	4,775 31	7,089 00								11,864 31
Moose Jaw.....	4,840 22	5,754 15								10,594 37
Medicine Hat.....	2,086 70	4,052 00								6,138 70
Lethbridge.....	503 33	370 10								873 43
Calgary.....	12,972 59	9,242 55	420 00							22,635 14
Edmonton.....	16,683 51	4,438 65	135 00							21,257 16
Vancouver.....	6,173 99	11,502 05		587 80						18,263 84
Fort William.....	226,551 55	355,747 65								582,299 20
Toronto.....	1,370 29									1,370 29
Montreal.....	2,174 83	15 00		6,292 90						8,482 73
Chatham.....	3,279 01									3,279 01
Victoria.....	245 07	512 80								757 87
Prince Rupert.....	20 60	57 00								77 60
Duluth.....	2,731 45									2,731 45
	443,406 33	417,073 75	2,661 00	25,301 66	31,058 00					919,500 74

GRAIN COMMISSION

63

EXPENDITURE

Winnipeg.....	242,403 84	32,924 93	6,242 62	14,881 89	83,227 42	.....	6,495 35	48,698 14	2,996 09	437,870 28
Churchill.....	973 26	1,055 59	.....	.....	.....	.....	.....	.....	.....	2,028 85
Keewatin.....	1,760 00	4,929 00	.....	.....	.....	.....	.....	.....	.....	6,689 00
Kenora.....	.....	2,222 70	.....	.....	.....	.....	.....	.....	.....	2,222 70
Saskatoon.....	14,083 14	10,535 08	.....	.....	9,727 39	.....	.....	.....	.....	34,345 61
Moose Jaw.....	12,605 82	7,341 56	.....	.....	.....	.....	.....	.....	.....	19,947 38
Medicine Hat.....	4,873 35	4,636 00	.....	.....	.....	.....	.....	.....	.....	9,509 35
Lethbridge.....	4,274 25	4,088 50	.....	.....	.....	.....	.....	.....	.....	8,362 75
Calgary.....	36,347 62	19,556 86	5,376 96	.....	11,549 54	.....	.....	.....	.....	72,830 98
Edmonton.....	45,947 39	10,375 44	5,285 06	.....	.....	.....	.....	.....	.....	61,607 89
Vancouver.....	62,321 08	72,464 06	.....	7,209 74	.....	.....	.....	.....	.....	141,994 88
Fort William.....	348,310 65	264,019 75	.....	.....	9,902 04	48,586 98	.....	.....	.....	670,819 42
Toronto.....	5,788 24	.....	.....	.....	.....	.....	.....	.....	.....	5,788 24
Montreal.....	39,471 89	2,064 03	.....	5,341 49	.....	.....	.....	.....	.....	46,877 41
Chatham.....	9,728 02	.....	.....	.....	.....	.....	.....	.....	.....	9,728 02
Victoria.....	2,788 59	2,650 25	.....	.....	.....	.....	.....	.....	.....	5,438 84
Prince Rupert.....	153 29	2,198 89	.....	.....	.....	.....	.....	.....	.....	2,352 18
Duluth.....	15,009 52	.....	.....	.....	.....	.....	.....	.....	.....	15,009 52
	846,839 95	441,062 64	16,904 64	27,433 12	114,406 39	48,586 98	6,495 35	48,698 14	2,996 09	1,553,423 30

Total Expenditure.....\$ 1,553,423 30

Total Revenue.....919,500 74

Net Deficit.....\$ 633,922 56

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1941 Regulation No. 44 was revised and Regulations Nos. 22, 39, 48 and 49 were amended and new Regulations Nos. 54 and 55 were issued.

The Regulations of the Board in effect at December 31, 1941 are as follows:—

- No. 1. Registration and Cancellation of Terminal Warehouse Receipts.
4. Inspection of Samples taken other than at an Inspection Point.
11. Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
14. Construction of Elevators.
21. Cleaning Grain and Bins.
22. Fees.
23. Form of Terminal Warehouse Receipt.
35. Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
36. Delivery of Grain to Ocean Vessels at Montreal.
37. Maximum Tariff of Charges and Shrinkage Allowances for Licensed Country Elevators.
38. Maximum Tariff of Charges—Terminal Elevators at Fort William-Port Arthur and Winnipeg.
39. Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
40. Maximum Tariff of Charges—Terminal Elevators West of Calgary.
41. Maximum Tariff of Charges at the Terminal Elevator at Churchill, Manitoba.
42. Maximum Tariff of Charges for handling Grain at Eastern Elevators.
43. Procedure—Country Elevators.
44. Drying of Grain.
45. Records, Reports and Returns.
46. Receipt for Grain delivered to Private Country Elevators and Mill Elevators.
47. Inspection of Grain at The Pas, Manitoba.
48. Names and Definitions of "Off Grades" for Western Grain.
49. Names and Definitions of "Off Grades" for Eastern Grain.
50. Names and Definitions of Grades for Screenings.
51. Receipt of Wheat into Licensed Country Elevators from Railway Cars.
52. Binning of Tough Wheat with Straight Grade Wheat.
53. Enforcement of Lien by Sale of Grain.
54. Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
55. Delivery of Grain to Ocean Vessels at West St. John, New Brunswick.

CALDA 12
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Acting Deputy Minister
OLIVER MASTER

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1942



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1943

TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Board Inspections.....	6
Car Distribution.....	6
Stored Grain Pests Investigation.....	6
Canadian Government Elevators.....	6
Audit of Stocks in Terminal and Eastern Elevators.....	7
Elevator Charges.....	7
War Risk Insurance on Grain.....	7
Lake Freight Rates.....	7
Assistant Commissioners.....	7
Complaints.....	8
Grading of Soybeans and Flaxseed.....	8
Committees on Grain Standards.....	8
Wheat Bonus.....	8
The Prairie Farm Assistance Act, 1939.....	8
Expenditures and Revenues.....	8
Personnel.....	9
APPENDICES:	
No. 1—Report of Secretary.....	10
(a) Complaints.....	10
(b) Prosecutions.....	11
(c) Defaults.....	11
(d) Cars Out of Turn.....	11
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	11
(f) Report of Warehouseman.....	11
(g) Summary of Licences Past Twenty Years.....	14
(h) Grain Loading Platforms.....	15
(i) Prairie Farm Assistance Act—One Percent Levy.....	15
(j) Report of Statistician.....	15
(k) Annual Weighup—Terminal Elevators.....	25
No. 2—Personnel—Committees on Grain Standards.....	30
3—Personnel—Grain Appeal Tribunals.....	31
4—Report of Registrar.....	32
5—Report of Chief Grain Inspector.....	33
6—Report of Chief Grain Weighmaster.....	42
7—Report of General Manager, Canadian Government Elevators.....	47
8—Report of Chief Chemist.....	50
9—Report of Revenue and Expenditure.....	53
10—Regulations of the Board.....	62

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MAN., January 20, 1943.

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1942, in compliance with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions generally throughout Western Canada were unusually favourable during 1942, resulting in the largest yield on record of all cereal crops. In accordance with the Government's announced policy, the acreage devoted to wheat production in Western Canada was again slightly reduced in 1942. The wheat acreage for that year was estimated to be approximately 20,653,000 acres compared with 21,140,000 acres in 1941. This shows a reduction of 487,000 acres. But the estimated yield of wheat in 1942 was 587,000,000 bushels compared with 293,000,000 in 1941, or an increase in yield of 294,000,000 bushels. It is at once apparent that in 1942, from 487,000 fewer acres of wheat, the yield of 1941 was doubled.

The 1942 estimated acreage of oats in Western Canada was 9,666,000 acres as compared with 8,137,000 acres in 1941, an increase in oat acreage of 1,529,000 acres. But the estimated yield of oats in 1942 exceeded that of 1941 by 330,000,000 bushels, this being an increase of 285 per cent.

The barley acreage was increased by 1,679,000 acres or from 4,735,000 acres to 6,414,000 acres, and the estimated total yield was increased by 160,300,000 bushels, or an increase of 259 per cent.

The rye acreage was increased by 385,000 acres and the yield by 14,704,000 bushels, or an increase of 247 per cent over the 1941 yield.

Flax also showed a substantial increase in both acreage sown and total yield. The acreage was increased from 982,000 acres to 1,466,000 acres, while the estimated yield was 16,700,000 bushels as compared with 6,419,000 bushels in 1941.

The estimated total yield of all these crops for the year 1942 was 1,391,393,000 bushels as compared with a total for 1941 of 582,108,000 bushels, or an estimated increase of 809,285,000 bushels more than the total of 1941 crop. This enormous crop, together with the carry-over of the previous year, constitutes the largest stocks of grain ever accumulated in Canada.

Limited markets and a greatly restricted transportation condition, due to the very large increase in volume of war materials moved, have compelled the storage of immense quantities of grain on the farms of Western Canada. It can therefore be expected that, with anything like a normal crop in 1943, the problem of storage for the 1943 crop will be an acute one. The greatly increased numbers of live stock in Canada will require a substantial increase in quantities of feed grain. Canada can now confidently expect to be in a position when hostilities cease to offer large quantities of wheat and flour to the devastated areas of the world.

BOARD INSPECTIONS

During the year your Board carefully inspected all Government owned terminal elevators and found these well equipped and soundly operated. Substantial repair work is now necessary on the dock and grain galleries at Prince Rupert. Atlantic points were also visited in order to study the loading facilities and shipping conditions at these points.

CAR DISTRIBUTION

Since the beginning of the 1941-42 crop year on August 1st, 1941, the control of car supply to country elevators has been handled by the Canadian Wheat Board, but The Board of Grain Commissioners has continued to handle all applications for cars out of turn under the provisions of Section 68 of the Canada Grain Act. The abuse of the privilege of obtaining cars out of turn referred to in the last report of the Board now appears to have been overcome.

STORED GRAIN PESTS INVESTIGATION

To safeguard Canadian stored grain from the danger of losses from mites and insects, the Board has continued the work of the Stored Grain Pests Investigation initiated in 1941. As in 1941 the entomological studies were conducted by an entomologist employed by the Board and under the direction of the Dominion Division of Entomology. The work has been carried out in co-operation with the Board's Grain Research Laboratory.

The grain trade has been provided with specific information on the presence and control of insects on the basis of samples submitted for examination. About 5,000 samples were submitted during 1942 as compared with 3,000 for 1941. Direct assistance has been afforded to grain companies in the control of infestations and in obtaining insecticidal materials now scarce or available only under priority ratings.

As long-time storage has continued, insects previously unimportant have become major pests and insects formerly unreported from Western Canada have appeared. Methods designed to prevent and control insect infestations have been generally successful and direct damage by grain insects has been small. These various efforts combined with the vigilance maintained by the grain trade have resulted in a well-integrated system for the detection and control of insect pests in Canadian stored grain.

CANADIAN GOVERNMENT ELEVATORS

All of the Canadian Government Elevators managed under the Board have had a large handling of grain during the past year. Amounts in store as at January 1, 1943, totalled 16,048,557 bushels.

AUDIT OF STOCKS IN TERMINAL AND EASTERN ELEVATORS

The congestion of stocks in terminal and eastern elevators continues to create difficulties in auditing the stocks of grain in store in these elevators, as required under the provisions of the Canada Grain Act. However, where at all possible, the stocks have been weighed over but at a number of these elevators it was only possible to make estimates of the actual stocks in store.

On applying the provisions of Sections 138 and 138-a of the Canada Grain Act to the results of the audit at the elevators where stocks were actually weighed over, excessive overages were disclosed at one eastern elevator and settlement therefor in the amount of \$111.77 was made to the Board by the licensee.

ELEVATOR CHARGES

As the provisions of Order in Council P.C. 1225 of 19th February, 1941, fixed the maximum elevator charges at terminal and country elevators until the 31st day of July, 1943, the Board did not hold the usual public hearings at Winnipeg and Vancouver to hear representations on the matter of elevator charges. With heavy stocks in store the licensees of all terminal elevators and of practically all country elevators in August and September, 1942, reduced the storage charges filed with the Board for the current crop year from one forty-fifth of one cent per bushel per day, the present maximum, to one-fiftieth of one cent per bushel per day.

LAKE FREIGHT RATES

The maximum rates fixed by the Board in June, 1941, for the carriage of wheat from Fort William and Port Arthur to Bay Ports, Goderich, Sarnia, Port Colborne, Kingston, Prescott, Montreal and other St. Lawrence Ports with increased rates in the month of December, on account of increased insurance costs, remained in effect throughout the 1942 season of navigation.

WAR RISK INSURANCE ON GRAIN

The Board co-operated with the Department of Finance in the drawing up of a scheme of War Risk Insurance on Grain under the provisions of the War Risk Insurance Act, 1942, which was finally promulgated under Order in Council P.C. 10229 dated November 19, 1942. This order provides that the Board will collect a levy assessed against grain in certain positions. The Board collected in December, 1942, \$197,213.09, the levy assessed on grain in store in terminal elevators on November 30, 1942, and has also assessed levy in the amount of \$103,534.45 on grain in store in eastern elevators at the same date. The levy on grain received at, shipped from or processed at the different elevators in accordance with the provisions of the Order in Council is now being assessed and collected by the Board monthly.

ASSISTANT COMMISSIONERS

The number of complaints investigated by the Assistant Commissioners during 1942 was approximately the same as in the previous year, but they have continued to assist the Board in carrying out the provisions of The Canada Grain Act by investigating applications for cars out of turn, and inspecting buildings to be used as special annexes to country elevators.

They also carried out the usual inspection of a number of country elevators in each province.

COMPLAINTS

On August 5, 1942, the Board held a formal investigation in Winnipeg into the complaint of a firm of grain exporters against the licensee of an eastern elevator for alleged loss sustained by the said exporter by reason of certain wheat alleged to have deteriorated while in store in the eastern elevator operated by the said licensee, and found to be heated and sour on being loaded into railway cars.

The Board found in favour of the complainants, and ordered the defendant to pay the sum of \$3,111.18.

GRADING OF SOYBEANS AND FLAX

Under Order in Council P.C. 2799, dated April 10, 1942, the Canadian Wheat Board was authorized to purchase soybeans, and requested the Board to make provision for the grading thereof.

After discussions with representatives of the producers and handlers, the Board prepared specifications for the different grades of soybeans, and these were authorized by Order in Council P.C. 6125, dated July 16, 1942.

Specifications for the different grades of flaxseed grown in the Eastern Division, and which the Canadian Wheat Board was authorized to purchase under Order in Council P.C. 6124, dated July 16, 1942, were also drawn up and authorized by Order in Council P.C. 6124, dated July 16, 1942.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1942-43 were constituted by the Board in accordance with Section Twenty-five of The Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 22, 1942 and the Eastern Committee at Toronto on August 31, 1942 and at Montreal on November 19, 1942.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Twenty Dollars and Eighty-five Cents (\$20.85) were redeemed during the past year. Outstanding certificates still remain in the amount of Eight thousand, Two Hundred and Ninety-three Dollars and Thirteen Cents (\$8,293.13).

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued under the Prairie Farm Assistance Act, 1939, to collect one per cent (1%) of the net value of grain marketed in the three western provinces. During the crop year ended July 31, 1942, the sum of One Million, Four Hundred and Fifty-nine Thousand, Seven Hundred and Sixty Dollars and Fifty-one Cents (\$1,459,760.51) was collected, making total collections since the inception of this scheme on August 1, 1939, to July 31, 1942 of \$6,463,955.75. Collections for the first four months in the current crop year are \$1,094,568.26.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1941-42 was \$1,602,023.65 compared with \$1,553,423.30 for the previous fiscal year. Revenue for the fiscal year 1941-42 was \$1,247,086.92 compared with \$919,500.74 for the previous fiscal year, an increase of \$327,586.18.

For the first nine months of the current fiscal year the total expenditure was \$3,612.59 less than in the corresponding period in the previous fiscal year, and the revenue for the same period shows a decrease of \$242,614.04.

PERSONNEL

The Board regrets to report the death in August, 1942, of Mr. James D. Fraser, who retired from the service of the Board in May, 1941 after forty-two years' service during the last sixteen of which he has held the position of Chief Grain Inspector.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

D. G. MCKENZIE,
Chief Commissioner

D. A. MACGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MAN., January 19, 1943.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the year 1942:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued during past twenty years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per Cent Levy.
- (j) Report of Statistician.
- (k) Annual Weigh-over—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1942, the Board investigated fifty-two (52) complaints, together with three (3) outstanding at December 31, 1941, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under the Canada Grain Act, as follows:

Manitoba.....	19
Saskatchewan.....	13
Alberta.....	17
Outstanding at December 31, 1941.....	3
	<hr/> 52

These were disposed of as follows:—

No grounds for complaint.....	30
Complaint withdrawn.....	2
Settlement effected between parties.....	5
Outside jurisdiction of Board.....	6
Not yet disposed of.....	9
	<hr/> 52

MISCELLANEOUS COMPLAINTS

Eight (8) complaints were received by the Board in respect to shipments from terminal elevators, these being disposed of as follows:—

Settlement effected.....	3
Outside jurisdiction of Board.....	1
Settlement ordered.....	1
Outstanding at December 31, 1942.....	3
	<hr/> 8

EXPORT SHIPMENTS

Three (3) complaints were received in respect to overseas shipments, none of which were upheld on investigation.

(b) PROSECUTIONS

One prosecution for a breach of Section 108 of the Canada Grain Act was instituted during the year, the defendant on conviction being fined five dollars and costs.

(c) DEFAULTS

There were no defaults during the year 1942.

(d) CARS OUT OF TURN

During the year 1942 cars out of turn for the shipment of grain from country elevators were ordered by the Board under the provisions of Section 68 of the Canada Grain Act as follows:—

Grain out of condition, or in danger of becoming so.....	266 cars
Elevators in danger of collapse.....	210 cars

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Due to lack of storage space in terminal elevators, the Board, under the provisions of Section 107(a) of the Canada Grain Act authorized the receipt of wheat from railway cars into country elevators for the conservation of storage in a total of 565 cars during the year 1942. These shipments were made from districts having heavy crops to districts where lighter crops were harvested.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1941-42.

During the season which commenced on August 1, 1941 and ended on July 31, 1942, one hundred and forty-six (146) firms and individuals applied for Licences as required by the provisions of the Canada Grain Act.

Five thousand, eight hundred and thirty-nine (5,839) applications for Licences to operate were received and five thousand, eight hundred and sixteen (5,816) Licences were issued. Eighteen (18) Licences were transferred and five (5) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	31	.....	31	.....
Commission Merchants.....	39	1	38	.....
Grain Dealers.....	18	.....	18	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	39	.....	39	.....
Private Terminal Elevators.....	9	.....	9	.....
Eastern Elevators.....	30	.....	30	.....
Mill Elevators.....	34	.....	34	.....
Private Country Elevators.....	6	.....	6	.....
Public Country Elevators.....	5,609	4	5,605	.....
Transfer—Public Country Elevators.....	18	.....	.....	18
	5,839	5	5,816	18

In addition to the above applications for regular elevator Licences, the Board also received five hundred and five (505) applications for authority to operate off-site buildings as "Special Annexes" under authority of Order in Council P.C. 4215. Twenty-one of the applications were rejected and/or withdrawn and four hundred and eighty-four (484) authorities to operate were granted. No fee was required from the applicants but they were required to deposit with the Board Surety Bonds to cover their operations at these off-site buildings.

At December 1, 1941, there were 5,796 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,766 in the Western Division and 30 in the Eastern Division; of these 5,722 were in operation under Licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at July 31, 1942 was 599,636,824 bushels; elevators proper and permanent annexes comprising 430,447,070 bushels; temporary annexes 162,570,550 bushels and special annexes 6,619,204 bushels.

The following Licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reasons stated hereunder:—

<i>Public Country Elevator Licence No. 387</i>	Manitoba Pool Elevators Limited; 25,000 bushel elevator at Harding, Manitoba; cancelled October 22, 1941; building now operated as a Special Annex to Pool elevator number one.
<i>Private Terminal Elevator Licence No. 68</i>	The Alberta Pacific Grain Company Limited; 250,000 bushel elevator at Calgary, Alberta; cancelled November 14, 1942; work-house of elevator was destroyed by fire; remaining storage tanks now operated as a Special Annex.
<i>Private Terminal Elevator Licence No. 67</i>	Searle Terminal Limited; 1,700,000 bushel elevator at Kenora, Ontario; cancelled December 23, 1941; Company changed nature of operations and re-licensed as a Semi-Public Terminal elevator.

*Public Country Elevator
Licence No. 1551*

Frank D. Lampman; 45,000 bushel elevator at Rosetown, Saskatchewan; cancelled April 1, 1942; ceased operations and elevator dismantled.

Sixty-seven (67) Country Elevator licences were suspended by the Board at various times throughout the crop year owing to certain repairs being necessary to the elevators to maintain them in a fit and proper condition to store grain. The repairs were made in due course and all licences re-instated.

Licence Fees collected amounted to \$30,803.00; of this amount \$25.00 was refunded to applicants on account of applications for Licences having been withdrawn.

Surety bonds amounting to \$26,564,487.50 were executed by thirteen (13) of the approved Surety Companies and were deposited with the Board as security covering the operations of the Licensees; in addition, three (3) Licensees deposited negotiable Government Bonds with a par value of \$18,800.00 in lieu of furnishing the usual forms of Surety Bonds. \$811,000.00 of this security was to cover the grain stored in "Special Annexes".

There were no changes in the permanent staff of this Branch but it was necessary to employ temporary assistance for a longer period than customary owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full time services of one of the permanent employees of this Branch whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,

Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-6; 1911-12; 1917-18; and 1925-26 to 1941-42

Kind	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1926- 1927	1925- 1926	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	4,314	4,236	3,577	1,972	1,099
Private Country Elevators.....	6	6	6	7	13	11	12	13	14	9	12	385	398	309	156	35				
Public Terminal Elevators.....	6	6	6	5	3	6	6	7	7	9	10	8	11	10	11	14	21	17		
Semi-Public Terminal Elevators...	39	39	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)							
Private Terminal Elevators.....	9	10	13	38	40	39	36	37	37	38	37	40	*76	*80	*80	*67	*64	*20	**34	**10
Eastern Elevators.....	30	31	30	29	29	29	31	31	30	29	28	29	†20	†20	†18	†17	†17	†18		
Mill Elevators.....	34	38	38	15	17	15	19	19	21	22	26	25	†27	†18	†16	10	†10			
Elevator Space.....													1	1	1	3	3	7	58	
Track Buyers.....	31	33	36	38	40	40	41	46	51	64	57	48	62	82	84	88	93	156	123	
Commission Merchants.....	38	39	43	47	47	48	51	56	61	63	64	57	71	90	92	95	94	126	84	
Grain Dealers.....	18	21	24	23	19	17	24	25	20	15	75	3	3	2	3	3	3			
Total number issued.....	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,763	5,949	5,486	6,130	5,751	5,765	5,001	4,646	4,543	3,921	2,271	1,109

*Licensed as Private Elevators.

†Licensed as Public Elevators.

‡Licensed as Manufacturing Elevators.

**Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1942 no applications for the building of grain loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	617	1,678
Saskatchewan.....	1,283	2,926
Alberta.....	737	1,502
British Columbia.....	38	77
Ontario.....	11	23
Total as at December, 1942.....	2,686	6,206

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

AMOUNTS COLLECTED ON GRAIN PURCHASED DURING PERIOD AUGUST 1, 1941, TO JULY 31, 1942

	Wheat		Oats		Barley		Rye		Total Levy
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
Manitoba.....	42,031,727	\$232,414.20	9,397,222	\$32,495.72	16,282,324	\$68,690.35	1,559,228	\$6,369.60	\$339,969.87
Saskatchewan..	114,981,642	625,622.52	12,048,279	42,093.95	7,024,799	29,779.21	3,450,543	14,373.65	711,869.33
Alberta.....	68,139,921	355,350.06	10,964,890	36,961.72	3,201,277	13,637.71	377,064	1,564.19	407,513.68
Total.....	225,153,290	\$1,213,386.78	32,410,391	\$111,551.39	26,508,400	\$112,107.27	5,386,835	\$22,307.44	\$1,459,352.88
							Mixed Grain, Alberta.....		128.77
							Adjustments not Allocated.....		278.86
									\$1,459,760.51

(j) ANNUAL REPORT OF STATISTICIAN

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I beg to submit the following report of the crop year 1941-42.

The grain crops of Canada harvested in 1941 were considerably less than those of the previous year. The final official estimate indicates a crop of wheat totalling 296 million bushels was harvested in the Prairie Provinces and the total for all Canada was 314,825,000 bushels. For 1940 the totals were 513,800,000 bushels and 540,190,000 bushels respectively. The carry-over on 31st July, 1941, was some 60 per cent larger than a year previous, constituting a new record at 480,129,311 bushels in all positions in North America. A total of 795 million bushels were thus available for disposition during the crop year, compared to a total of 840.6 millions in 1940-41. Actual disposition accounted for 370.9 million bushels of wheat, 220 millions being exported as wheat or wheat flour and

150.9 millions used for home requirements. The carry-over at the end of the year totalled 424,048,429 bushels in all positions. Further details of carry-overs of wheat and disposition of the 1941 crops will be found in the appended tabular statements.

MARKETING AND MOVEMENT

Marketing of the crop at country points and shipment therefrom continued under the control and direction of the Canadian Wheat Board. It is worthy of special note that the marketing and movement were accomplished without congestion. The fact that the amount of wheat remaining in farmers' hands was less than at the close of the previous year suggests that practically the entire crop was disposed of. In Western Canada only 9.2 million bushels of wheat were reported in farmers' hands on 31st July, 1942.

STORAGE

Total storage space licensed by the Board includes 169 million bushels in temporary and special annexes at country points and operated in connection with terminal and eastern elevators. This, added to the permanent licensed storage capacity of over 430 million bushels, provides space for 599 millions, 509 millions in Western and 90 millions in Eastern Canada, respectively.

DESTINATION DATA

Despite changed conditions following the initiation by Japan of war against the United States and Allied Nations we have continued to receive the fullest collaboration of United States Government Departments, Produce & Corn Exchanges and Chambers of Commerce in the collection of records of the disposition of Canadian grain. Data secured are as complete as it is possible to be and will be available for distribution on the final cessation of hostilities. In the meantime the assistance of all concerned is deeply appreciated and gratefully acknowledged.

TRANSPORTATION AND FREIGHT RATES

The urgent need of ships and munitions of war occasioned the requisition, for ocean service, of a number of canal-size Canadian ships hitherto engaged in the transportation of grain and package freight on the Great Lakes-St. Lawrence route. A number of the larger bulk cargo carriers in the upper lake traffic were requisitioned for the ore-carrying trade. These reductions of tonnage available for grain necessitated the shortening of routes as far as possible so export grain was mostly carried to Georgian Bay and Lake Erie ports until the approach of the close of the season when some ore-carriers were released for the grain trade to carry cargoes to Lake Erie and Upper St. Lawrence river ports and to load winter storage cargoes. Freight rates on shipments to Buffalo and other U.S.A. lake ports were substantially higher from the opening of the 1942 season at 5 to 5½c. per bushel U.S. funds until August and 5½c. to 6c. per bushel U.S. funds from September to November, wheat basis. Lake shipments to Canadian ports continued at the maximum rates as fixed by the Board in June, 1941, throughout the season—3½c. to Georgian Bay ports; 4c. to Port Colborne, 4½c. to Toronto; 5c. to Kingston and Prescott; all per bushel wheat; with an additional 2c. to Georgian Bay and Lower Lake ports in December only to compensate for increased insurance costs. Violent storms on the lakes and cold weather towards the close of the season caused delays to many vessels. Consequently a larger number were loaded at the end of November, also a fair number in December, winter storage cargoes to U.S.A. ports earning 9c. per bushel wheat U.S. funds, with the odd steamer an even higher figure.

In accordance with provisions of the Inland Water Freight Rates Act copies of charter confirmations were filed by shippers covering lake shipments of grain from Fort William-Port Arthur from which weighted overages of rates charged were compiled for the information of the Minister, the Board and others interested.

INSURANCE

The inclusion of the Eastern elevators, by the authority of Order in Council P.C. 2393, as from the 1st May, 1941, with Public and Semi-Public terminal elevators under the provision of section 102 of the Canada Grain Act requiring the insurance of all grain stored in the elevators added substantially to the work of this office throughout the crop year. Copies of insurance policies as issued are received and carefully scrutinized and the value of grain in store compared with the amounts of insurance reported as in force periodically. The closest check is maintained on insurance effected by means of specific policies, or under policies which specify maximum amounts. Fluctuations in values of grain as well as amounts in store require the exercise of greater vigilance as it occasionally happens a licensee has to be requested to increase the amount of insurance in force.

ANNUAL WEIGH-UP

Following annual or special weigh-ups of grain stored in Terminal and Eastern elevators statements have been prepared for submission to the Board and calculations of excess and deficiency made in the manner prescribed by section 138 and 138(a) of the Canada Grain Act. One Eastern elevator licensee was found to have an overage due to the Crown. This was duly collected by the Board. Copies of the statements are appended.

Yours faithfully,

E. A. URSELL,
Statistician.

CARRY-OVER OF CANADIAN WHEAT—31ST JULY—IN BUSHELS

Position	1941	1942
On Farms—Estimated.....	13,954,000	10,446,000
In Country, Private Terminal and Mill Elevators.....	224,424,158	139,818,882
In Public and Semi-Public Terminal Elevators.....	122,549,005	167,506,675
In Store and Afloat for Eastern Elevators.....	65,053,695	67,638,911
In Eastern Flour Mills.....	1,280,920	2,399,600
In Transit.....	21,076,023	16,421,935
In Store and in Transit United States.....	31,791,510	19,816,426
Total.....	480,129,311	424,048,429

Crops of 1941 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
Carry-over, July 31, 1941.....	480,129,311	41,563,379	10,908,001	4,919,122	620,313
Production—All Canada*.....	314,825,000	305,575,000	110,566,000	11,703,000	5,788,000
Total Available Supply.....	794,954,311	347,138,379	121,474,001	16,622,122	6,408,313
Carry-over, July 31, 1942.....	424,048,429	28,592,913	10,846,754	3,386,361	1,027,040
Total Disposed of.....	370,905,882	318,545,466	110,627,247	13,235,761	5,381,273

* Final Official Estimate.

TRADE AND COMMERCE

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1941, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1941-42 (ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
Manitoba.....	51,000,000	41,700,000	40,000,000	2,818,000	1,145,000
Saskatchewan.....	147,000,000	72,500,000	26,700,000	5,311,000	3,718,000
Alberta.....	98,000,000	63,800,000	28,000,000	1,860,000	778,000
Total.....	296,000,000	178,000,000	94,700,000	9,989,000	5,641,000

(b) PRIMARY MARKETINGS

AT COUNTRY ELEVATORS*

Manitoba.....	40,733,559	9,330,552	15,613,161	1,512,050	840,793
Saskatchewan.....	114,687,650	12,163,035	6,982,718	3,435,266	3,141,344
Alberta.....	66,771,164	10,041,561	2,830,039	348,450	630,510
Total.....	222,192,373	31,535,148	25,425,918	5,295,766	4,612,647

LOADED OVER PLATFORMS

Manitoba.....	738,820	233,022	662,567	39,360	5,845
Saskatchewan.....	338,243	134,363	66,162	7,297	17,723
Alberta.....	744,404	681,096	248,937	2,811	9,039
Total.....	1,821,467	1,048,481	977,666	49,468	32,607

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Total.....	6,171	27,605	13,069	6,818
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AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	728,614	103,721	168,113	3,746	179,513
Saskatchewan.....	909,354	55,795	21,551	35	10,505
Alberta.....	1,399,088	438,849	28,868	14,000	43,233
Total.....	3,037,056	598,365	218,532	17,781	233,251

TOTAL MARKETED

Manitoba.....	42,200,993	9,675,753	16,456,861	1,555,156	1,026,151
Saskatchewan.....	115,935,247	12,353,577	7,070,431	3,442,598	3,169,572
Alberta.....	68,920,827	11,180,269	3,107,893	365,261	689,600
Total.....	227,057,067	33,209,599	26,635,185	5,363,015	4,885,323

(c) GRAIN INSPECTED

Manitoba.....	47,830,100	7,990,450	13,647,550	1,493,875	806,700
Saskatchewan.....	159,204,500	10,473,900	7,891,500	3,175,090	3,077,520
Alberta.....	89,455,400	9,098,500	2,532,450	313,310	598,280
Total.....	296,490,000	27,562,850	24,071,500	4,982,275	4,482,500

(a) PRODUCTION—Final official estimate for Prairie Provinces.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situate in British Columbia are included in Alberta figures.

(c) Grain inspections are compiled according to provinces where grain was grown.

* Subject to revision—Final totals not yet completed.

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	260,542,805	17,419,413	17,845,463	4,953,171	3,981,804
Shipments.....	215,111,979	19,868,622	17,548,196	4,494,078	3,563,059
<i>Vancouver-New Westminster—</i>					
Receipts.....	3,159,081	822,796	416,769	130,111	115
Shipments.....	3,919,662	837,816	321,944	119,241	816
<i>Victoria, B.C.—</i>					
Receipts.....	67,670				
Shipments.....	213,043	1,127			
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....	2,014				
<i>Churchill, Man.—</i>			Nil		
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....		8,458	13,020		
Shipments.....	21,265	8,458	13,088	6	
<i>Edmonton, Alta.—</i>					
Receipts.....	39,495	154,757	50,322		
Shipments.....	45,283	145,413	42,354		
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....	59,065				

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	622,124	62,179	45,805		273
Edmonton.....	571,199	918	38,687		
Lethbridge.....	279,344	5			6,545
Moose Jaw.....	447,656				893
Saskatoon.....	571,067	470			
Total.....	2,491,390	63,572	84,492		7,711
<i>Shipments—</i>					
Calgary.....	801,567	62,725	25,290		265
Edmonton.....	1,621,893	9,812	17,442		
Lethbridge.....	269,708	5			6,545
Moose Jaw.....	658,520				893
Saskatoon.....	777,931	317			
Total.....	4,129,619	72,859	42,732		7,703

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

Receipts.....		107,077	
Shipments.....	10,734,060	234,238	

TRADE AND COMMERCE

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed	Corn
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	167,160,544	5,326,238	6,746,125	693,552	1,280,358	1,097,493
Shipments.....	167,380,269	5,494,919	5,139,256	703,181	1,241,416	1,070,481

—	Buckwheat	Mixed Grain	Soya Beans
	bush.	lbs.	bush.
Receipts.....	28,337	18,745,450	70,525
Shipments.....	17,364	13,023,390	68,416

UNITED STATES GRAIN

—	Wheat	Oats	Barley	Rye	Corn	Soya Beans
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	830,183	.....	.....	.....	18,907,944	39,437
Shipments.....	744,674	58,639	.....	.....	14,359,136	15,440

—	SOUTH AFRICAN GRAIN	ARGENTINE GRAIN	
	Corn	Wheat	Corn
	bush.	bush.	bush.
Receipts.....	.....	127,512	17,672
Shipments.....	356	127,512	228,198

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS
MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS)

—	U.S.A. Wheat	U.S.A. Oats	U.S.A. Corn	U.S.A. Beans
	bush.	bush.	bush.	bush.
Via Eastern Elevators.....	3,955,395	15,440
Fort William-Port Arthur.....
Interior Private Terminals.....	11,841	.....
Pacific Coast Elevators.....
Total.....	3,967,236	15,440

—	S. African Corn	Argentine Wheat	Argentine Corn
	bush.	bush.	bush.
Via Eastern Elevators.....	356	.....	209,994
Interior Private Terminals.....	.....	.....	128,010
Pacific Coast Elevators.....	.....	.....	.....
Total.....	356	.....	338,004

GRAIN COMMISSION

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total all Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total wheat and Wheat Flour
						Con- sumption Duty-paid	Milling in Bond			
1941	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
August.....	116,502	11,457,069	.....	.....	552,324	743,802	1,072,869	13,942,566	6,464,547	20,407,113
September.....	35,232	9,655,063	.....	.....	1,015,204	1,032,899	971,329	12,709,727	2,974,563	15,684,290
October.....	28,184	6,820,053	.....	.....	3,808,439	79,854	1,217,232	11,953,762	1,984,802	13,938,564
November.....	140,324	9,631,352	.....	.....	3,474,626	56,515	1,291,381	14,594,198	2,639,308	17,233,506
December.....	51,818	8,805,955	.....	.....	5,933,091	13,492	1,283,988	16,088,344	4,186,062	20,274,406
1942										
January.....	65,550	6,388,515	.....	.....	6,915,990	7,352	1,437,580	14,814,987	3,376,634	18,191,621
February.....	74,752	5,954,141	.....	.....	4,165,918	.....	620,516	10,815,327	4,753,566	15,568,893
March.....	131,719	7,734,592	.....	.....	6,537,635	.....	657,919	15,061,865	4,047,296	19,109,161
April.....	141,100	13,729,788	.....	.....	9,001,484	6,353	1,074,760	23,953,485	5,075,883	29,029,368
May.....	208,385	15,048,189	.....	.....	2,291,075	3,908	1,041,043	18,592,600	4,148,294	22,740,894
June.....	263,899	8,743,941	.....	.....	3,576,589	1,034,102	390,488	14,009,019	2,940,840	16,949,859
July.....	1,156,037	5,329,211	.....	.....	2,558,671	19,997	481,342	9,545,258	3,334,208	12,879,466
Total Crop Year 1941-42.	2,413,502	109,297,869	.....	.....	49,831,046	2,998,274	11,540,447	176,081,138	45,926,003	222,007,141
Total Crop Year 1940-41..	4,056,218	113,907,751	.....	.....	55,595,198	3,825,463	7,521,894	184,906,524	46,299,722	231,206,246
5-year average 1937-38 to 1941-42.....	13,453,531	86,318,884	.....	112,787	38,262,429	1,492,293	8,062,041	148,360,636	31,940,884	180,301,520

Fort William, Ont.

*U.S.A. Official Figures.

†Customs Returns.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1941-42

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....	69,735	159,316	437,243	666,294
1 Man. Northern.....	1,861,800	85,046,262	29,100,419	116,008,481
2 Man. Northern.....	362,049	20,623,858	9,878,488	30,864,395
3 Man. Northern.....	92,913	.....	202,923	295,836
Dried.....	.....	616	.....	616
1 C.W. Garnet.....	2,667	1,166,564	.....	1,169,231
2 C.W. Garnet.....	.....	1,273,754	.....	1,273,754
3 C.W. Garnet.....	.....	170,467	.....	170,467
2 Alberta Winter.....	24,338	.....	.....	24,338
Unspecified Spring Wheat.....	.....	.....	† 9,465,567	9,465,567
1 C.W. Amber Durum.....	.....	.....	45,415	45,415
2 C.W. Amber Durum.....	.....	645,605	392,237	1,037,842
3 C.W. Amber Durum.....	.....	211,427	65,884	277,311
Unspecified Durum Wheat.....	.....	.....	† 242,870	242,870
Total.....	2,413,502	109,297,869	49,831,046	161,542,417
<i>Oats—</i>				
2 C.W.....	8,541	.....	408,740	417,281
1 Feed.....	.....	5,251	.....	5,251
2 Feed.....	.....	13,157	.....	13,157
3 Feed.....	.....	21,404	.....	21,404
Mixed Feed.....	.....	4,633	.....	4,633
Tough Grades.....	.....	49,759	.....	49,759
Others.....	.....	172,142	36,100	208,242
Canadian Eastern.....	.....	2,100	.....	2,100
Unspecified Grades.....	.....	.....	† 174,732	174,732
*Bagged Grain.....	117	561,046	.....	561,163
Total.....	8,658	829,492	619,572	1,457,722
<i>Barley—</i>				
2 C.W. Six-Row.....	.....	.....	234,238	234,238
1 Feed.....	.....	467	.....	467
2 Feed.....	.....	595	.....	595
Unspecified Grades.....	.....	.....	† 129,591	129,591
*Bagged Grain.....	.....	2,936	.....	2,936
Total.....	.....	3,998	363,829	367,827
<i>Rye—</i>				
2 C.W.....	.....	19,570	254,188	273,758
*Bagged Grain.....	.....	743	.....	743
Total.....	.....	20,313	254,188	274,501

† Regraded from Bonded Stocks to U.S.A. Domestic Standards before being exported.

* Bagged grain loaded direct from cars to vessels. (Customs Returns which cannot be included with quantities handled through elevators.)

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1941-42—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	2,236,169	8,541		
Victoria.....	177,333			
Montreal.....	22,734,490	106,765		
Sorel.....	5,792,534			
Three Rivers.....	3,887,600			
Quebec.....	5,583,707			
St. John.....	3,658,577			
West St. John.....	28,825,677			
Halifax.....	38,815,284	161,681	1,062	19,570
*Bagged Grain.....		561,163	2,936	743
Total—Canadian Ports.....	111,711,371	838,150	3,998	20,313
New York.....	26,105,328	583,472	129,591	254,188
Albany.....	1,719,913			
Baltimore.....	9,298,004	36,100		
Boston.....	2,816,035			
Philadelphia.....	2,192,619			
Portland.....	7,699,147		234,238	
Duluth.....				
Total—U.S.A. Ports.....	49,831,046	619,572	363,829	254,188
GRAND TOTAL.....	161,542,417	1,457,722	367,827	274,501

* Bagged grain loaded direct from cars to vessels. (Customs Returns which cannot be included with quantities handled through elevators).

SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Mixed Feed Oats		Barley		Flaxseed	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government</i> —								
Calgary, Alta.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton, Alta.....	446-10	.....	2,607-12	.....	13-16	.....	.....	.....
Lethbridge, Alta.....	508-20	.....	555-00	.....	.....	.....	.....	.....
Moose Jaw.....	862-00	.....	300-00	.....	.....	.....	99-42	.....
Saskatoon, Sask.....	.....	148-40	.....	.....	.....	.....	.....	.....
Prince Rupert, B.C.....	.....	1,796-55	.....	.....	.....	.....	.....	.....
Totals.....	1,876-30	600-30	3,462-12	.....	13-16	.....	99-42	.....
Net Total—Surplus or Deficit.....	.....	2,546-05	3,462-12	.....	13-16	.....	99-42	.....
		669-35	3,462-12	.....	13-16	.....	99-42	.....

The official weighing of 1 Man. Northern Wheat at Lethbridge, 1 and 2 Man. Northern Wheat at Edmonton and 1 and 2 Man. Northern Wheat and Barley at Calgary were postponed under authority of Order-in-Council P.C. 5298 dated 2nd October 1940.

SUMMARY OF RESULTS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT,
AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1942, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR,
AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT 1930 AND AMENDMENTS THERETO

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Consolidated Grain Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
“Empire”							95-50	574-20	12,781-55	1,251-50	157-20	184-20
“Thunder Bay”								2,920-20	1,146-30	7,313-10		
Eastern Terminal Elevator Co. Ltd.	205-40							1,478-05	176-40	71-55	4-55	-25
“Richardson”							14-30	682-00	1,825-15	348-40	4-55	
Federal Grain Ltd. “Bawlf”							111-00	490-55	605-25	2,069-05	578-40	568-45
“ “ “Northwestern”							49-35	895-45	1,885-50	545-20		
“ “ “Stewart”							3-45	176-45	63-10	837-55	79-40	129-25
Fort William Elevator Co. Ltd.								1,830-40	1,882-40	716-20		
Manitoba Pool Elev. Ltd. “Term. No. 3”								829-50	5,631-50	236-30		
McCabe Bros. Grain Co. Ltd. “C”												
“ “ “Dominion Govt.”	4 20							3,508-05	2,319-10	7,478-55	110-35	99-00
National Grain Co. Ltd. “G.T.P.”					754-10		12-25	29,243-00	281-45			310-20
Northland Terminals Ltd. “B&E”	2,846-40		5,022-00					8,257-30	20-30	8-40		
Ogilvie Flour Mills Co. Ltd.		6,083-35					5-10	14,046-05	3,744-55	10-00		12-50
N. M. Paterson & Co. Ltd.								1,773-00	5,925-20	4,196-40		
Reliance Grain Co. Ltd.								3,051-50	8,870-30	1,456-50	185-00	11-20
Saskatchewan Pool Terminals Ltd.												
“Terminal No. 4”				741-35			1,756-40	8,494-55	12,895-50		13-40	146-25
“Terminal No. 5”								11,821-20	38-20			
“Terminal No. 6”			611-10		-20		288-20	34,051-10		26,567-45		-30
“Terminal No. 7”							5,841-00	48,001-00	19,040-20	13,886-50	63-35	174-00
Superior Elevator Co. Ltd. “P&H”								372-55	985-40	565-20	12-45	176-16
United Grain Growers Terminals Ltd.							24-35	25,832-15	48,429-20	17,410-40	562-55	1,675-15
Western Grain Co. Ltd.	5,570-45							37,877-05	30,806-00	4,979-45	38-35	5,309-35

There is no excess due to the Crown from the above elevators. The annual weigh-up of grain in store in 5 Semi-Public Terminal Elevators, Fort William-Port Arthur, was postponed under authority of Order in Council P.C. 5298, dated the 2nd October, 1940.

ANNUAL WEIGH-UP, 1942

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1942, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Canadian Government—</i>												
Calgary, Alta.....	bush. 92-40	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush. 75-30	bush. 62-50	bush.
Edmonton, Alta.....						38-30						
Lethbridge, Alta.....			24-20									
Moose Jaw, Sask.....								148-40				
Saskatoon, Sask.....							228-50	1,546-05	17-20	4-40		
Prince Rupert, B.C.....								460-50	139-40			

There is no excess due to the Crown from any of the above elevators.

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C. W. GARNET AND 2 C. W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1942, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER, NEW WESTMINSTER, VICTORIA, CHURCHILL, NORTH TRANSCONA AND EDMONTON AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERE TO

GRAIN COMMISSION

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver—New Westminster—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Alberta Wheat Pool "Number 1"	63-25	658-00	1,083-30	146-55	-40	25-55
Alberta Wheat Pool "Number 2"	3-00	.....	27-20	.....	2,156-50	573-00	.....	22-00	.....
Midland Pacific Terminal Ltd.	6,351-20	.....	.....	15-50	1,871-30	17,446-30	.....	90-20	104-50
Pacific Elevators Ltd.	4-00	.....	.....	.....	47 15	598-55	.....	4,377-45	52,656-20	692-25	.....	.....
Jas. Richardson & Sons Ltd.	523-00	.....	.....	89-05	.....	.....	.....	451-55	2,994-15	.....	17-30
Searle Terminal Ltd.	3,715-10	1,177-40	.....	.....	1,010-55	4,660-40	.....	.....	545-45	1,825-20	.....
United Grain Growers Terminals Ltd.	334-30	.....	.....	.....	8,319-50	636-35	.....	917-35	3,403-25
<i>Victoria—</i>
Gillespie Grain Co. Ltd.	1,161-40	1,086-25	808-35	.....	.....
<i>Churchill—</i>
National Harbours Board	1,625-10	.....	.....	.....	1,538-30	628-30	.....	.....	.....
<i>North Transcona—</i>
Eastern Terminal Elevator Co. Ltd.	11-50	449-50	5-15	.....	.....	.....
<i>Edmonton—</i>
Gillespie Grain Co. Ltd.	2-00	54-05	4-55	.....	.....

There is no excess due to the Crown from the above Elevators.

TRADE AND COMMERCE

ANNUAL WEIGH-UP, 1942

SUMMARY of Results of Calculations of OVERAGE or SHORTAGE in Western Canadian and Foreign Grown Grain as Revealed by the Annual Weigh-up, 1942, of Grain in Store in EASTERN ELEVATORS, and arrived at in the manner prescribed in Section 138A, Canada Grain Act, 1930, and amendments thereto.

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i> Collingwood Terminals Ltd.....	Western Canadian Wheat.....		1,003-01
	Western Canadian Oats.....		215-20
	Western Canadian Barley.....	2-17	
	U.S.A. Corn.....		5,922-31
<i>Depot Harbour—</i> Wm. H. Johnson, Jr. Ltd.....	Western Canadian Wheat.....		751-35
<i>Goderich—</i> Goderich Elevator & Transit Co. Ltd.....	Western Canadian Wheat.....		5,552-18
	Western Canadian Oats.....		935-21
	Western Canadian Barley.....		976-01
	Western Canadian Rye.....	727-34	
	Western Canadian Flaxseed.....		161-17
	Western Canadian Mixed Grain.....		1,506 lbs.
	U.S.A. Wheat.....	194-30	
	U.S.A. Corn.....		744-35
Western Canada Flour Mills Co. Ltd.....	Western Canadian Wheat.....		9,529-40
	Western Canadian Oats.....		242-20
	Western Canadian Barley.....		67-24
<i>Humberstone—</i> Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		2,368-00
	U.S.A. Wheat.....		470-20
<i>Kingston—</i> Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		6,829-10
	Western Canadian Barley.....		347-26
	Western Canadian Flaxseed.....		593-32
	Western Canadian Rye.....		46-50
<i>Midland—</i> Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		2,927-10
	U.S.A. Oats.....		458-00
	U.S.A. Corn.....		3,998-53
Canadian National Railways.....	Western Canadian Wheat.....		4,428-30
Canada Steamship Lines Ltd.....	Western Canadian Wheat.....		1,243-10
	Western Canadian Barley.....		210-34
Midland Simcoe Elevator Co. Ltd.....	Western Canadian Wheat.....		8,165-55
	Western Canadian Oats.....		1,078-08
	Western Canadian Barley.....		304-35
<i>Owen Sound—</i> Great Lakes Elevator Co. Ltd.....	Western Canadian Wheat.....		1,279-15
	Western Canadian Oats.....		339-30
	Western Canadian Barley.....	305-46	
	Western Canadian Rye.....		1-40
	Western Canadian Mixed Grain.....		887 lbs.
	U.S.A. Oats.....		72-12
	U.S.A. Corn.....		851-32

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

<i>Port Colborne—</i> Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		6,740-55
	Western Canadian Oats.....	53-24	
	Western Canadian Barley.....		758-37
	Western Canadian Rye.....		112-46
	Western Canadian Corn.....	688-01	
	Western Canadian Mixed Grain.....	62,270 lbs.	
National Harbours Board.....	Western Canadian Wheat.....		2,932-25
	Western Canadian Oats.....	28-09	
	Western Canadian Barley.....		213-10
	U.S.A. Corn.....		422-18
<i>Port McNicoll—</i> Canadian Pacific Railway Co. Ltd.....	Western Canadian Wheat.....	334-40	
	Western Canadian Barley.....		227-44
<i>Prescott—</i> National Harbours Board.....	Western Canadian Wheat.....		31,245-50
	Western Canadian Oats.....		3-07
	Western Canadian Barley.....		13-30
	Western Canadian Corn.....		103-04
	U.S.A. Corn.....		6,421-06

GRAIN COMMISSION

29

ANNUAL WEIGH-UP, 1942—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Continued*

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Montreal</i> —			
National Harbours Board.....	Western Canadian Wheat.....		24,045-46
	Western Canadian Oats.....	22-23	
	Western Canadian Barley.....		533-41
	Western Canadian Flaxseed.....		594-27
	Western Canadian Rye.....		291-40
	Western Canadian Corn.....		2,734-06
	U.S.A. Corn.....		952-13
	Argentine Corn.....		34-20
	Argentine Flaxseed.....		12-06
<i>Quebec</i> —			
National Harbours Board.....	Western Canadian Wheat.....		5,303-05
	Western Canadian Oats.....		64-30
	Western Canadian Barley.....		11-15
	Western Canadian Corn.....		19-38
	U.S.A. Corn.....	73-28	
	Argentine Corn.....		430-18
<i>Sorel</i> —			
North American Elevators Ltd.....	Western Canadian Wheat.....		4,966-45
	Western Canadian Barley.....		3-31
<i>Halifax</i> —			
National Harbours Board.....	Western Canadian Wheat.....		20,565-30
	Western Canadian Oats.....		15-01
	Western Canadian Barley.....		4-20
	Western Canadian Corn.....		85-29
	U.S.A. Wheat.....		4-50
	U.S.A. Corn.....		174-26
	Argentine Wheat.....		79-40
	Argentine Corn.....		14-02

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

<i>St. John</i> —			
Canadian National Railways.....	Western Canadian Wheat.....		1,622-25
	Western Canadian Barley.....		5-00
	Western Canadian Corn.....		3-37
<i>West St. John</i> —			
Canadian Pacific Rly. Co. Ltd. "B".....	Western Canadian Wheat.....		6,986-15
Canadian Pacific Rly. Co. Ltd. (National Harbours Board Elevator).	Western Canadian Wheat.....		4,268-25

NOTE.—The official weigh-up of grain in store in the following Elevators was postponed under authority of Order in Council P.C. 5298, dated October 2, 1940—Dominion Elevator Ltd., Montreal; J. Richardson & Sons Ltd., Peterborough; Sarnia Elevators Co. Ltd., Sarnia; Toronto Elevators Ltd., Toronto; Three Rivers Grain & Elevator Co. Ltd., Three Rivers.

* An overage due to the Crown from the Canadian Pacific Railway Company, Ltd., Elevator at Port McNicoll was collected by the Board. There was no overage due to the Crown from other Eastern Elevators.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 H. Sellers, representing the millers.
 George Bennett,
 W. H. Fairchild,
 R. N. MacDonald,
 B. S. Plumer, } representing grain growers in Alberta.
 A. Sproule,
 Dr. L. E. Kirk,
 J. Wellbelove,
 W. Wright,
 G. Canfield, } representing grain growers in Saskatchewan.
 W. J. Parker,
 Dr. J. H. Craigie
 J. Quick, } representing grain growers in Manitoba.
 G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 N. Clair Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 T. A. Climo, representing the exporters of grain.
 K. F. Wadsworth } representing the millers of wheat in the Eastern
 J. J. Page, } Division.
 R. J. Scott, } representing grain growers in Ontario.
 W. A. Amos, }
 Wm. Wallace, Additional—representing growers of corn.
 J. M. Vittie, Additional.
 G. E. McConney, Additional.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy (Chairman)	J. D. Russell	C. R. Manahan (Chairman)
Grant Hammond	J. Tranter	J. W. Allen
J. McMahon	J. A. Harris	W. H. Boyle
A. F. Moore	W. McLeod	A. Fraser
J. Murray	E. J. Munson	C. C. Gillies
S. C. Swanton	G. C. Arbuthnott	J. A. Kyle
C. J. Wells	A. Watson	L. T. Ingram
D. K. Mills	E. S. Munro (Secretary)	R. H. Settle
E. R. Holden	Vacant (Chairman)	F. J. Wolfe
S. Billinsky (Secretary)		John Blue (Secretary)

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit	P. J. Marples (Chairman)
C. H. Coatsworth	A. Chaplin
R. C. Pratt	F. S. Earle
N. H. Campbell	J. A. Byrne
C. W. Heimbecker	J. M. Vittie
L. S. Johnston	T. A. Climo
W. N. McCarthy	E. Lorne Tracey (Secretary).
G. E. McConney	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard (Secretary).	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1942

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	500	70	2	428
Calgary.....	17	5	1	11
Edmonton.....	68	16	.....	52
Toronto.....	nil	nil	nil	nil
Montreal.....	nil	nil	nil	nil
Total.....	585	91	3	491

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., January 14, 1943.

The Secretary,

Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1942:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	262,293,636-10	215,221,336-40
Oats.....	17,200,808-06	20,096,188-19
Barley.....	17,900,321-22	17,609,753-10
Flax.....	4,033,051-18	3,566,416-09
Rye.....	4,944,801-01	4,509,477-09
Mixed Grain.....	248,244-40	228,323-40
Corn.....	617,556-30	533,092-52
Barley Malt.....	213,866-14	213,866-14
<i>Vancouver—</i>		
Wheat.....	3,033,982-20	3,879,172-10
Oats.....	314,410-30	363,676-06
Barley.....	125,840-40	107,576-42
Rye.....	2,267-52	2,208-02
Mixed Grain.....	39,560-20	52,071-00
Corn.....	32,273-12	29,608-06
Peas.....	423-30	387-00
Beans.....	471-20	428-32
<i>Calgary—</i>		
Wheat.....	623,940-40	801,567-10
Oats.....	62,178-28	62,725-02
Barley.....	45,805-20	25,290-24
Flax.....	272-28	264-36
Mixed Grain.....		630-10
<i>Edmonton—</i>		
Wheat.....	568,679-10	1,621,893-20
Oats.....	2,891-14	9,812-02
Barley.....	38,687-04	17,441-32
Mixed Grain.....		1,784-30
Corn.....	3,326-14	2,847-18
<i>Lethbridge—</i>		
Wheat.....	279,344-10	268,867-10
Oats.....	4-24	4-24
Flax.....	6,545-19	4,342-36
Mixed Grain.....		299-00
Peas.....	3,206-20	3,158-20
<i>Moose Jaw—</i>		
Wheat.....	447,656-10	656,885-10
Flax.....	961-28	893-07
<i>Prince Rupert—</i>		
Wheat.....		2,014-30
<i>Saskatoon—</i>		
Wheat.....	571,067-30	777,931-00
Oats.....	470-20	
<i>Total—</i>		
Wheat.....	267,818,306-10	223,229,667-20
Oats.....	17,580,764-20	20,532,406-19
Barley.....	18,110,654-38	17,760,062-12
Flax.....	4,040,830-37	3,571,916-32
Rye.....	4,947,068-53	4,511,685-11
Mixed Grain.....	287,805-10	283,108-30
Corn.....	653,156-00	565,548-20
Barley Malt.....	213,866-14	213,866-14
Peas.....	3,629-50	3,545-20
Beans.....	471-20	428-32

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Montreal—</i>		
Wheat.....	283,425,845-10	283,046,940-10
Oats.....	5,472,489-14	5,442,244-16
Barley.....	7,301,370-26	5,715,879-03
Flax.....	1,912,647-52	1,873,895-50
Rye.....	795,063-52	786,106-52
Mixed Grain.....	337,100-38	235,271-16
Corn.....	24,534,617-39	20,118,845-27
Screenings.....	949,818-14	1,080,109-02
Peas.....	12,824-10	8,892-20
Beans.....	109,963-20	83,056-28
Buckwheat.....	44,051-46	34,008-08

Yours respectfully,

W. T. Todd,

Registrar.

APPENDIX No. 5

REPORT OF CHIEF INSPECTOR OF GRAIN

WINNIPEG, MAN., November 12, 1942.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners.
Winnipeg, Manitoba.

DEAR SIR,—I herewith submit my annual report covering car and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1942.

The crop of the year 1941 was severely affected by drought which cut the yield of all grains. This, together with a reduction of acreage, resulted in a small harvest. The quality of the grain produced was of high grade and of excellent quality.

The total number of cars inspected in the Western Division for the year 1941-42 was 213,932 as against 205,494 for the previous year. An increase of 8,438 cars.

Yours truly,

F. S. LUDLAM,

Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1941 to July 31, 1942, are made up as follows:—

	Cars	Percentages
Wheat.....	179,040	83.690
Oats.....	13,465	6.294
Barley.....	13,866	6.482
Flax.....	3,383	1.581
Rye.....	3,085	1.442
Mixed Grain.....	199	0.093
Corn.....	788	0.369
Screenings.....	106	0.049
Total.....	213,932	100.000

The grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of Total Inspections
1 Manitoba Hard.....	16	0.009		
1 Manitoba Northern.....	65,347	37.046		
2 Manitoba Northern.....	68,285	38.712		
3 Manitoba Northern.....	18,176	10.304		
4 Manitoba Northern.....	1,679	0.952		
No. 4 Special.....	6	0.003		
No. 5.....	233	0.132		
No. 6.....	5	0.003		
Feed.....	8	0.004		
Sample.....	140	0.080		
Smutty.....	176	0.100		
Tough.....	20,929	11.865		
Damp.....	583	0.330		
Rejected.....	808	0.460		
Total Red Spring Wheats.....	176,391	100.000	176,391	98.520
1 Garnet.....	180	23.841		
2 Garnet.....	248	32.848		
3 Garnet.....	152	20.132		
Smutty Garnet.....	1	0.133		
Tough Garnet.....	162	21.457		
Damp Garnet.....	5	0.662		
Rejected Garnet.....	7	0.927		
Total Garnet Wheats.....	755	100.000	755	0.422
1 Amber Durum.....	35	2.419		
2 Amber Durum.....	548	37.871		
3 Amber Durum.....	347	23.981		
4 Amber Durum.....	63	4.354		
Smutty Amber Durum.....	5	0.345		
Tough Amber Durum.....	311	21.493		
Damp Amber Durum.....	5	0.346		
Rejected Amber Durum.....	130	8.984		
Sample Ambert Durum Broken.....	3	0.207		
Total Amber Durum Wheats.....	1,447	100.000	1,447	0.808
3 White Spring.....	1	50.000		
Rejected White Spring.....	1	50.000		
Total White Spring Wheat.....	1	100.000	2	0.001
1 Mixed Wheat.....	26	44.068		
3 Mixed Wheat.....	8	13.559		
4 Mixed Wheat.....	1	1.695		
5 Mixed Wheat.....	8	13.559		
Tough Mixed Wheat.....	12	20.339		
Damp Mixed Wheat.....	1	1.695		
Smutty Mixed Wheat.....	3	5.085		
Total Mixed Wheat.....	59	100.000	59	0.033
1 Alberta Red Winter.....	277	71.762		
2 Alberta Winter.....	47	12.176		
3 Alberta Winter.....	15	3.886		
Tough Alberta Winter.....	30	7.772		
Damp Alberta Winter.....	6	1.554		
Smutty Alberta Winter.....	8	2.073		
Rejected Alberta Winter.....	3	0.777		
Total Alberta Winter Wheat.....	386	100.000	386	0.216
TOTAL.....	179,040		179,040	100.000

The grades of Oats are as follows:—

	Cars	Percentages
2 Canada Western.....	1,212	9.001
Ex. 3 Canada Western.....	768	5.704
3 Canada Western.....	2,837	21.070
Ex. 1 Feed.....	371	2.755
1 Feed.....	2,806	20.840
2 Feed.....	811	6.023
3 Feed.....	106	0.787
Mixed Feed.....	22	0.163
Rejected.....	17	0.126
Sample.....	9	0.067
Tough.....	4,325	32.120
Damp.....	181	1.344
Total.....	13,465	100.000

The grades of Barley are as follows:—

	Cars	Percentages
1 Canada Western Six-Row.....	5	0.036
2 Canada Western Six-Row.....	2,071	14.936
3 Canada Western Six-Row.....	1,774	12.794
1 Canada Western Two-Row.....	2	0.014
2 Canada Western Two-Row.....	47	0.339
1 Feed.....	1,768	12.751
2 Feed.....	1,155	8.330
3 Feed.....	292	2.106
Rejected.....	6	0.043
Sample.....	1	0.007
Tough.....	6,255	45.110
Damp.....	490	3.534
Total.....	13,866	100.000

The grades of Flax are as follows:—

	Cars	Percentages
1 Canada Western.....	2,334	68.992
2 Canada Western.....	352	10.405
3 Canada Western.....	144	4.256
4 Canada Western.....	30	0.887
Sample.....	15	0.443
Tough.....	498	14.722
Damp.....	10	0.295
Total.....	3,383	100.000

The grades of Rye are as follows:—

	Cars	Percentages
1 Canada Western.....	8	0.259
2 Canada Western.....	956	30.989
3 Canada Western.....	679	22.010
4 Canada Western.....	97	3.144
Ergot Rye.....	29	0.940
Rejected.....	3	0.097
Tough.....	1,284	41.621
Damp.....	27	0.875
Sample Rye Broken.....	2	0.065
Total.....	3,085	100.000

The grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	18	9.045
No. 2.....	30	15.075
No. 3.....	77	38.693
Tough.....	66	33.167
Damp.....	6	3.015
Rejected.....	2	1.005
Total.....	199	100.000

The grades of Corn are as follows:—

	Cars	Percentages
No. 2 Canada Western Yellow.....	44	5.584
No. 3 Canada Western Yellow.....	53	6.726
No. 4 Canada Western Yellow.....	59	7.487
No. 5 Canada Western Yellow.....	71	9.010
Tough.....	38	4.822
Damp.....	13	1.650
Moist.....	99	12.564
Wet.....	360	45.685
Sample.....	51	6.472
Total.....	788	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1941 TO JULY 31, 1942

	Cars	Percentages
Winnipeg.....	179,922	84.103
Calgary.....	9,542	4.460
Moose Jaw.....	3,817	1.784
Saskatoon.....	3,544	1.657
Medicine Hat.....	2,486	1.162
Lethbridge.....	152	0.071
Vancouver.....	275	0.128
Edmonton.....	14,194	6.635
Total.....	213,932	100.000

SUMMARY OF CARS REINSPECTED 1941-1942

	Winnipeg		Calgary	
Cars Inspected.....	179,922		9,542	
Cars Reinspected.....	34,875		867	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	20,161	57.82	562	64.82
Grades Raised.....	9,172	26.30	150	17.30
Grades Lowered.....	335	0.96	20	2.31
Dockage Raised.....	248	0.71	10	1.15
Dockage Lowered.....	4,959	14.21	125	14.42
Total.....	34,875	100.00	867	100.00

SUMMARY OF CARS REINSPECTED 1941-1942—*Concluded*

—	Edmonton		Saskatoon	
Cars Inspected.....	14,194		3,544	
Cars Reinspected.....	2,332		174	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	1,784	76.50	154	88.51
Grades Raised.....	193	8.27	18	10.34
Grades Lowered.....	4	0.17	2	1.15
Dockage Raised.....	342	14.67	.....	.....
Dockage Lowered.....	9	0.39	.....	.....
Total.....	2,332	100.00	174	100.00

—	Moose Jaw		Medicine Hat	
Cars Inspected.....	3,817		2,486	
Cars Reinspected.....	217		52	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	185	85.25	39	75.00
Grades Raised.....	31	14.29	8	15.39
Grades Lowered.....	1	0.46	4	7.69
Dockage Raised.....	.....	.....	1	1.92
Dockage Lowered.....	.....	.....	.....	.....
Total.....	217	100.00	52	100.00

—	Lethbridge		Vancouver	
Cars Inspected.....	152		275	
Cars Reinspected.....	1		11	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	.....	.....	4	36.37
Grades Raised.....	1	100.00	7	63.63
Grades Lowered.....	.....	.....	.....	.....
Dockage Raised.....	.....	.....	.....	.....
Dockage Lowered.....	.....	.....	.....	.....
Total.....	1	100.00	11	100.00

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....		213,932	18-01%
Total Cars Reinspected.....		38,529	
—	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	22,889	59.407	10.70
Grades Raised.....	9,580	24.864	4.48
Grades Lowered.....	366	0.950	0.17
Dockage Raised.....	601	1.560	0.28
Dockage Lowered.....	5,093	13.219	2.38
Total.....	38,529	100.000	18.01

TRADE AND COMMERCE
SUMMARY OF CARS APPEALED

	Winnipeg		Calgary		Edmonton		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as Graded.....	429	85.80	42	67.74	21	91.30	492	84.10
Grades Raised.....	69	13.80	20	32.26	2	8.70	91	15.56
Grades Lowered.....	2	.40					2	.34
Dockage Raised.....								
Dockage Lowered.....								
Total.....	500	100.00	62	100.00	23	100.00	585	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	213,932	100.00
Total Appeals.....	585	.27
Total Grades Changed.....	93	.04

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUG. 1, 1941 TO JULY 31, 1942

	Ft. William and Port Arthur	Vancouver and New Westminster	Victoria	U.S.A. Duluth	Churchill	Prince Rupert
	bush.					
Wheat.....	204,980,348	2,236,252	177,333	10,621,196		
Oats.....	5,470,822	8,541				
Barley.....	9,890,619					
Flaxseed.....	2,010,339					
Rye.....	3,783,587					
Mixed Grain.....	37,832					
Sample Barley Malt....	213,866					
Screenings.....	1,943,355					

GRAIN COMMISSION

39

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1941, TO JULY 31, 1942

—	Winnipeg	Calgary	Moose Jaw	Saskatoon	Edmonton	Lethbridge	Fort William and Pt. Arthur	Vancouver	Total
Wheat.....	139	464	600	613	878	140	6,551	882	10,267
Oats.....	505	157	146	132	51	.....	6,861	161	8,013
Barley.....	258	400	.....	1	21	.....	4,493	58	5,231
Flaxseed.....	39	1	7	.....	.....	2	962	.....	1,011
Rye.....	11	1	.....	.....	.....	.....	471	3	486
Mixed Grain.....	55	14	.....	5	1	.....	83	22	180
Mixed Feed Oats, Groats.....	.....	.....	.....	.....	.....	.....	25	.....	25
Corn.....	125	2	.....	.....	1	.....	332	21	481
Screenings.....	207	153	126	102	.....	.....	2,735	43	3,366
Sample Grain.....	.....	4	.....	.....	.....	.....	.....	.....	4
Total.....	1,339	1,196	879	853	952	142	22,513	1,190	29,064

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1941 to JULY 31, 1942

Cargoes—

Grain grown in Eastern Division

at Chatham—

	Bushels
Grade No. 1 C.E. Yellow Corn.....	60,635
No. 3 C.E. Yellow Corn.....	71,473
Sample C.E. Yellow Corn.....	11,226

Bushels

143,334

Car Loads—

Grain grown in Eastern Division—

	Bushels
At Montreal.....	32
At Toronto.....	1,231
At Chatham.....	848

2,111

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1941 to JULY 31, 1942

	Bushels	Bushels
Western grain.....	118,272,182	
Eastern grain.....	1,000	
United States grain.....	1,757,629	
Argentine grain.....	248,565	
		120,279,376
At Montreal.....	28,289,399	
At Quebec.....	5,857,595	
At St. John.....	34,957,363	
At Halifax.....	41,154,490	
At Sorel.....	5,782,417	
At Three Rivers.....	4,202,674	
At Owen Sound.....	35,438	
		120,279,376

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1941 to JULY 31, 1942

	Montreal	Toronto	Chatham
Western grain.....	215	5	—
Eastern grain.....	75	1	17
United States grain.....	1	—	2
Miscellaneous grain.....	63	11	—
	354	17	19

GRAIN COMMISSION

41

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		67	3	70
No. 2 C.E. White Winter.....		7		7
No. 3 C.E. White Winter.....		2		2
No. 1 C.E. Red Winter.....		16	9	25
No. 2 C.E. Red Winter.....		1	1	2
No. 1 C.E. Mixed Winter.....		338	81	419
No. 2 C.E. Mixed Winter.....		48	26	74
No. 3 C.E. Mixed Winter.....		5		5
Tough.....		42	26	68
Smutty.....		33	3	36
Sample.....		11	5	16
<i>Oats—</i>				
No. 1 C.E. White.....		1		1
No. 2 C.E. White.....			3	3
No. 3 C.E.....		1	1	2
<i>Barley—</i>				
No. 1 C.E. 6 Row.....		1		1
No. 2 C.E. 6 Row.....		4		4
No. 3 C.E. 6 Row.....		3		3
No. 4 C.E.....		1		1
Sample.....		1		1
<i>Corn—</i>				
No. 1 C.E. Yellow.....	3	84	120	207
No. 2 C.E. Yellow.....	4	19	22	45
No. 3 C.E. Yellow.....		2	3	5
No. 4 C.E. Yellow.....	1			1
No. 1 C.E. Yellow Extra dry.....		15	12	27
No. 2 C.E. Yellow Extra dry.....			7	7
No. 3 C.E. Yellow Extra dry.....	1	1	2	4
No. 1 C.E. Mixed.....		2		2
No. 2 C.E. Mixed.....	1	1		2
No. 3 C.E. Mixed.....	1			1
No. 4 C.E. Mixed.....			1	1
No. 1 C.E. Mixed Extra dry.....		1		1
No. 2 C.E. Mixed Extra dry.....		1		1
No. 4 C.E. White.....		1		1
Tough.....	1	30	63	94
Damp.....	11	318	69	398
Moist.....	1	114	68	183
Wet.....		28	37	65
Sample.....		27	1	28
<i>Buckwheat.—</i>				
No. 2 C.E.....		2		2
Damp.....	2	3		5
Sample.....	1			1
<i>Pea Beans—</i>				
No. 1 C.E.....			229	229
No. 2 C.E.....	3		20	23
No. 3 C.E.....	2		33	35
No. 4 C.E.....			1	1
Tough.....			2	2
Total.....	32	1,231	848	2,111

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch for the crop year 1941-1942.

In the Western Division this Branch supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal elevators licensed by the Board for the purpose of weighing all grain received into and shipped out of these elevators as required under Sections 91 and 123 of the Act. Also at Plants operating under Mill Elevator licence weighing services were supplied to comply with the Act.

In the Eastern Division weighing services were supplied on a fees basis at a number of Eastern elevators.

The scales in the elevators at Port Arthur and Fort William, the Canadian Government interior elevators, National Harbours Board elevator, Port Churchill, and elevators at the Pacific Coast located on berths delivering grain to vessels on tidal waters were inspected twice during the year, "the annual inspection and semi-annual inspection", by myself or my assistant, Mr. W. H. Comba. The annual inspection was made in accordance with the Weights and Measures Act and Regulations 1929, Chapter 212, Section 50, and for which certificates of verification were issued. The semi-annual inspection of the scales located in the above elevators was made to insure the continued accuracy of the scales. Special inspection of scales was made whenever found necessary. The scales in the various elevators mentioned above have been kept in good condition by a competent scale mechanic.

Under supervision of officers of this Branch, the equipment used for receiving, shipping and weighing grain in the various elevators where weighing services have been supplied, has been maintained in good condition.

The inspection of scales in elevators in the Eastern Division licensed as Eastern elevators was carried out by Mr. P. J. Marples and certificates of verification were issued in accordance with the Weights and Measures Act 1929

A considerable volume of extra work was involved during the year in the weighing of grain to and from the large temporary storages which were constructed at the head of the Lakes.

The number of complaints received on the outturn of cars received at terminal elevators has been very small considering the large number of cars handled. However, precaution is taken at terminal elevators both with regard to the accuracy of the scales and the handling of car lots of grain received into the terminals from country points. However, in handling the large number of cars there is bound to be the odd complaint, some of which are due to errors in loading, leakage from cars repaired in transit, pilferage and leaks that are discovered when cars are spotted for unloading, and from causes beyond the knowledge and jurisdiction of the Board's weighmen stationed at the terminal elevators. Complaints that were received have been investigated and where the investigation has warranted it, adjustments have been made.

Complaints of alleged shortages in the outturn of some cargoes loaded at the Head of the Lakes were received. The weighing and loading of these cargoes were investigated without finding any evidence of responsibility for same at the loading elevators with the exception of two cases where mishaps occurred in loading owing to breakage of equipment, and on which reports were made to the Board and adjustments made. Recovery of some shortages were made when cargoes in complaint were held Identity Preserved and reweigh of the cargo was made. There were 1,152 cargoes loaded during the crop year.

There were four complaints on the outturn of export cargoes loaded at Montreal elevators, the weighing and loading of which were thoroughly investigated and reports submitted to the Board and recommendation made.

The annual weighover of all grains in store in all Public Terminal, Semi-Public Terminal elevators and the top four grades of wheat and the top two grades of garnet wheat in Private Terminal elevators in the Western Division was conducted during the crop year wherever it was possible to do so, and, in cases where it was found impossible to weigh over, an estimated audit was made, as required under Order in Council P.C. 5298. As in the previous year, stocks of grain in store in the above elevators were very heavy throughout the year. In elevators in the Eastern Division operating under an Eastern elevator licence, all grain in store was weighed over during the year as required under the Act, or estimated as required under Order in Council P.C. 5298.

Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over were prepared by this Branch and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public elevators, the establishment of overages in Terminal elevators and Eastern elevators, in accordance with the provisions of Section 138 and 138A of the Canada Grain Act. Statements of all estimated audits that were conducted under Order in Council P.C. 5298 were also prepared and forwarded to the Board.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

The following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1942.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	265,565,633-10	268,792-30		265,834,425-40
Oats.....	17,811,860-15	188,170-00	199-04	17,800,229-19
Barley.....	18,177,765-00	35,612-14	906-32	18,214,283-46
Rye.....	5,062,780-02	16,482-34		5,079,262-36
Flaxseed.....	4,632,442-36	7,498-27		4,639,941-07
Canadian Corn.....	593,548-42	23,450-36		616,999-22
Mixed Grain.....	11,932,284 lbs.	742,880 lbs.		12,675,164 lbs.
Mixed Feed Oats Groats.....	60 lbs.			60 lbs.
Sample Barley Malt.....	7,699,190 lbs.			7,699,190 lbs.
All Screenings.....	9,393,645 lbs.	21,188,710 lbs.		30,582,355 lbs.

FORT WILLIAM—PORT ARTHUR—*Concluded*

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	204,980,348-30	10,132,160-04	.....	274,956-00	215,387,464-34
Oats.....	5,470,822-15	14,397,800-01	200-00	205,706-02	20,074,528-18
Barley.....	9,890,619-21	7,663,186-40	907-34	36,106-12	17,590,820-11
Rye.....	3,783,587-15	710,490-28	.....	17,421-40	4,511,499-27
Flaxseed.....	2,010,339-24	1,622,967-19	.....	7,593-16	3,640,900-03
Canadian Corn.....	.....	507,111-08	.....	25,100-00	532,211-08
Mixed Grain.....	2,118,587 lbs.	8,232,057 lbs.	.....	854,090 lbs.	11,204,734 lbs.
Mixed Feed Oats	.....	.....	.....	.....	.....
Groats.....	.....	1,321,200 lbs.	.....	.....	1,321,200 lbs.
Sample Barley Malt	7,699,190 lbs.	.....	.....	.....	7,699,190 lbs.
All Screenings.....	116,601,290 lbs.	158,732,562 lbs.	.....	21,366,210 lbs.	296,700,062 lbs.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1941-42
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster..	4,145,396-10	1,025,011-16	469,719-12	132,547-48	115-00	217,199-10	6,440,900
Victoria.....	69,174-00	.....	.....	.....	.....	.....	.....
Prince Rupert.....	.....	.....	.....	.....	.....	.....	.....
Churchill.....	.....	.....	.....	.....	.....	.....	.....
Calgary.....	635,027-50	62,332-32	45,830-20	.....	304-06	.....	.....
Edmonton.....	585,843-10	918-18	38,707-44	.....	.....	3,328-02	.....
Lethbridge.....	283,681-30	4-24	.....	.....	7,920-40	.....	192,470
Moose Jaw.....	454,697-30	.....	.....	.....	1,087-28	.....	.....
Saskatoon.....	585,669-40	472-12	.....	.....	.....	.....	.....
Eastern Terminal-North Transcona..	.....	8,494-14	13,089-18	.....	.....	557-18	161,200
Gillespie Grain, Edmonton.....	41,272-10	155,584-04	50,806-22	.....	.....	1,422-28	.....
Searle, Kenora.....	.....	.....	.....	.....	.....	.....	.....

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster..	4,781,488-00	1,024,456-20	370,737-04	119,240-55	816-34	179,123-34	9,563,520
Victoria.....	213,043-30	1,127-02	.....	.....	.....	.....	50,470
Prince Rupert.....	2,014-30	.....	.....	.....	.....	.....	.....
Churchill.....	.....	.....	.....	.....	.....	.....	.....
Calgary.....	801,567-15	62,725-20	25,290-24	.....	264-36	.....	550,310
Edmonton.....	1,621,893-20	9,812-02	17,441-32	.....	.....	2,847-18	390,280
Lethbridge.....	269,707-25	4-24	.....	.....	6,545-19	.....	467,810
Moose Jaw.....	658,520-15	.....	.....	.....	893-07	.....	136,085
Saskatoon.....	777,931-05	317-02	.....	.....	.....	.....	9,730
Eastern Terminal-North Transcona..	21,265-00	8,461-26	13,088-26	6-14	.....	1,627-28	213,490
Gillespie Grain, Edmonton.....	45,283-00	145,413-08	42,353-44	.....	.....	1,422-28	452,430
Searle, Kenora.....	59,065-00	.....	.....	.....	.....	.....	.....

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR 1941-42 IN
ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	U.S.A. Corn	Argentine Corn
	bush.	bush.
Vancouver and New Westminster.....	12,851-22	13,730-20

SHIPMENTS

Vancouver and New Westminster.....	11,841-22	140,670-20
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TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR 1941-1942

Kenora.....	32
Keewatin.....	6,790
Winnipeg.....	11,411
Saskatoon.....	4,432
Moose Jaw.....	5,604
Calgary.....	4,229
Edmonton.....	242
Medicine Hat.....	3,137
Lethbridge.....	1
Total.....	35,878

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS CROP YEAR 1941-1942

CANADIAN PACIFIC RAILWAY

—	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,575	775	145
Elevators, excluding Lakehead.....	1,422	284	35
Total.....	12,997	1,059	180

CANADIAN NATIONAL RAILWAY

—	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	7,113	155	43
Elevators, excluding Lakehead.....	593	66	22
Total.....	7,706	221	65
Total both roads.....	20,703	1,280	245

TRADE AND COMMERCE

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	2,634	647
C.N.R. Yards.....	1,574	258
Total.....	4,208	905

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	154,892,694-43	Short 23.5
Oats.....	4,111,762-02	Short 22.02
Barley.....	8,125,982-34	Short 31.84
Rye.....	1,005,942-28	Short 23.89
Flaxseed.....	1,199,655-09	Short 20.24
Barley Malt.....	7,699,190 lbs.	Short .08 lbs. per 1,000 lbs.
Screenings.....	19,391-0600 tons	Short 2.11 lbs. per ton

AMERICAN PORTS

Grain	Bushels	Lbs. per 1,000 bushels
Wheat.....	50,052,058-10	Short 24.21
Oats.....	1,345,060-13	Short 13.14
Barley.....	1,766,383-29	Short 38.27
Rye.....	2,870,046-22	Over 18.02
Flaxseed.....	810,684-15	Short 91.8
Screenings.....	38,651-1340 tons	Short .2 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	204,944,752-56	Short 23.68
Oats.....	5,456,822-15	Short 19.83
Barley.....	9,892,366-15	Short 32.99
Rye.....	3,875,988-50	Over 7.15
Flaxseed.....	2,010,339-24	Short 49.1
Screenings.....	58,042-1940 tons	Short .84 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT., December 21, 1942.

The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the year 1942.

ELEVATORS OPERATED

The interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were all operated during the entire year under Public Terminal Elevator licences.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continues to be operated by McCabe Bros. Grain Co. Ltd. under lease which expires in 1944.

TARIFF OF CHARGES

The tariff of charges for handling, storing, cleaning and drying of grain was the same as that in effect during the previous season.

VOLUME OF GRAIN HANDLED

Due to the continued restricted movement of grain the amounts received at the several elevators were all considerably below receipts of the preceding season, but the amount of grain carried in store during the entire year remained fairly constant at about sixteen million bushels. Grain in store at all points on July 31, 1942, amounted to 16,933,891 bushels. The total nominal storage capacity of the elevators is 18,350,000 bushels.

Receipts of grain at each elevator during the past two crop years were as follows:—

Elevator	1940-41	1941-42	Decrease
	bush.	bush.	bush.
Moose Jaw.....	496,118	448,618	47,500
Saskatoon.....	657,291	571,322	85,969
Calgary.....	3,380,353	732,196	2,648,157
Edmonton.....	2,211,976	614,027	1,597,949
Lethbridge.....	299,152	285,889	13,263
Prince Rupert.....	73,089	Nil	73,089
	7,117,979	2,652,052	4,465,927

Shipments from all elevators during the crop year amounted to 4,245,457 bushels. Subsequent to the close of the crop year one cargo of wheat was shipped from Prince Rupert and the elevator was later filled to capacity by shipment of wheat from Edmonton.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

The buildings, machinery and trackage at all elevators have been maintained in good condition, expenditures for this purpose being included in operating costs.

Considerable deterioration has occurred in the timber dock and gallery supports at Prince Rupert and steps are now in progress with a view to making necessary repairs and replacements next year.

Major repairs and replacements made during the year include the following items:—

BUILDINGS, ETC.

<i>Port Arthur</i> —	Repairs to sewer outlet.
<i>Saskatoon</i> —	Repairs to roofs.

MACHINERY AND EQUIPMENT

<i>Port Arthur</i> —	2 New Motors. 1 Leg Belt. 1 Conveyor Belt. 4 Chain Drives.
<i>Moose Jaw</i> —	1 new Motor Truck. 1 Chain Drive. 500 Leg Buckets.
<i>Saskatoon</i> —	650 Leg Buckets. 2 Leg Belts.
<i>Calgary</i> —	200 Leg Buckets. 1 Leg Belt. 1 Conveyor Belt. 2 Head Pulleys.
<i>Edmonton</i> —	184 Discs for Carter Disc Machines.

Trackage replacements were made during the year as follows:—

<i>Moose Jaw</i> —	600 Treated Track Ties. 1,200 Tie Plates. 1,200 feet 65 lb. Rail and 3 switches replaced with 85 lb. steel.
<i>Saskatoon</i> —	1,350 Treated Track Ties. 66 Treated Switch Ties. 2,700 Tie Plates.
<i>Calgary</i> —	600 Treated Track Ties. 1,200 Tie Plates.
<i>Edmonton</i> —	1,000 Treated Track Ties. 2,500 Tie Plates.
<i>Lethbridge</i> —	280 Treated Track Ties. 93 Treated Switch Ties. 1,060 Tie Plates.

STAFFS

Staffs at all points were maintained at the minimum of requirements. Three temporary employees resigned during the year and one was granted leave of absence on enlistment in the R.C.A.F. One permanent and four temporary employees are now serving in the forces.

One temporary Superintendent and three temporary Clerk-Stenographers were appointed to fill vacancies.

FINANCIAL RESULTS OF OPERATIONS

Gross earnings for the fiscal year ended March 31, 1942, amounted to \$1,125,338.30 and expenditures \$299,348.87, leaving a surplus of \$825,989.43.

The surplus of earnings over expenditures for the eight month period ended March 31, 1941, was \$517,140.00.

In accordance with former practice no provision is made in the financial statements to cover depreciation of plants and equipment, but all maintenance expenditures are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN., December 31, 1942.

Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1942.

The 1942 grain crops were at least two weeks late and the laboratory was hard pressed to obtain and analyze representative samples of grades of wheat prior to the meeting of the Western Committee on Grain Standards, which was held on October 22, 1942, one day earlier than last year. It was possible to prepare reasonably representative composite samples of grades 1 to 4 Northern; there was no 1 Hard or 4 Special; and it was impossible to obtain adequate numbers of samples of No. 5 and No. 6 wheat, and of the Garnet grades. Detailed information on grades 1 to 4 Northern, and reports on the average quality of durum wheat, malting barley, and flax, were presented to the Western Committee on Grain Standards, together with a brief review of the vegetable oils situation on the North American continent.

The shortage of vegetable oils created interest in early information on the quality of the Western Canadian flax crop, and as this moved comparatively rapidly, the laboratory was able to issue a preliminary report on September 19, 1942, and an interim report on September 30, 1942. Early information on the protein content of hard red spring wheat was also issued in good time; a preliminary report was released on September 12, and an interim report on October 23, 1942.

Crop bulletins containing detailed information on various grains were printed rather later than usual, not only because of the late crop, but also because the laboratory was handicapped by the recent loss of a number of experienced members of the staff. A list of the crop bulletins follows:—

- ANDERSON, J. ANSEL and AITKEN, T. R. The Quality of Western Canadian Wheat 1942 Crop. Crop Bulletin No. 5, October, 1942.
- ANDERSON, J. ANSEL and EVA, W. J. Protein Survey of Western Canadian Wheat 1942 Crop. (With coloured map). Crop Bulletin No. 6, November, 1942.
- ANDERSON, J. ANSEL and MEREDITH, W. O. S. Quality of Western Canadian Flax 1942 Crop. Crop Bulletin No. 7, November, 1942.
- ANDERSON, J. ANSEL and EVA, W. J. Protein Survey of Western Canadian Barley 1942 Crop. Crop Bulletin No. 8, December, 1942.

The wet season had typical effects on the quality characteristics of all crops: protein content was low, and the baking qualities of spring wheat, and macaroni-making qualities of amber durum wheat, were considerably below average; on the other hand, malting barley and flax, where these crops escaped fall frosts, were of excellent quality.

As in previous years, assistance was given to the Inspection Branch in the preparation of tentative standard samples and tentative export standard samples of hard red spring and durum wheat. Supervision of moisture tests in all offices of the Inspection Branch was continued; and a variety of minor investigations were also undertaken at the request of the Chief Inspector, several of these dealing with flax.

Investigations of the quality of new varieties of hard red spring wheat grown in the United States were again made in co-operation with the Northwest Crop Improvement Association (United States); and similar investigations of the quality of new varieties of hard red spring wheat, amber durum wheat, and barley, were continued under the programme sponsored by the Associate Committee on Grain Research (Canada).

At the request of the latter Committee, the writer spent two months in making a survey of the edible oils situation in Canada, with the object of providing the committee with information to assist it in outlining an expanded programme of research on oil seeds. Two other investigations related to the war effort were undertaken at the request of the National Research Council; and the laboratory also acted in an advisory capacity to the Council in connection with other problems relating to grain, which were decided without recourse to experimental investigations.

A variety of minor analytical studies were made for various institutions, etc., including investigations of rusted flax and rusted barley for the Dominion Rust Research Laboratory; of new flax varieties for the University of Alberta; of corn for the Manitoba Corn Committee; and of soybeans and sunflower seed for the Manitoba Society of Agronomists. The laboratory also collected a series of special samples of wheat for: the Cereal Division, Central Experimental Farm, Department of Agriculture; the Division of Applied Biology, National Research Laboratories; and the Department of Agricultural Biochemistry, University of Manitoba; and samples of flax for the Oil Seeds Laboratory, University of Saskatchewan.

Investigations relating to the large quantities of wheat in store in Canada have been expanded. The laboratory has continued to co-operate with Dr. B. N. Smallman, entomologist working under the direction of the Division of Entomology, Department of Agriculture, by providing him with laboratory space, equipment and an assistant, and by undertaking those parts of certain investigations dealing with the effect of conditions and treatments on the moisture content and quality of grain. A new study was started with the object of keeping a record of the milling and baking quality of wheat held in terminal annexes at the Head of the Lakes, and of obtaining data on changes which take place in grain during long storage periods. In this connection it was necessary to design and build a new multiple-sample probe for sampling wheat to a depth of 45 ft. Several experiments relating to changes in the moisture content of stored wheat were undertaken. In one of these it was shown that a temperature differential of 35°C. across 6 ft. of grain would eventually create a difference in moisture content of 2.2 percentage units between the cold and hot spots.

The following scientific papers and bulletins have been published or are in press:

- PAULL, ALLAN E. and ANDERSON, J. ANSEL. The Effects of Amount and Distribution of Rainfall on the Protein Content of Western Canadian Wheat. *Canadian Journal of Research, C*, Volume 20, pages 212-227, 1942.
- AITKEN, T. R. and ANDERSON, J. ANSEL. Testing the Baking Strength of Gluten Concentrates. *Cereal Chemistry* (in press).
- ANDERSON, J. ANSEL and MARTIN, V. G. Probe for Sampling Deep Grain Bins. *Grain Research Laboratory, Board of Grain Commissioners for Canada. Bulletin No. 3* (in press).
- CUNNINGHAM, R. L. and ANDERSON, J. ANSEL. Micro Tests of Alimentary Pastes. I. Apparatus and Methods. *Cereal Chemistry* (in press).
- CUNNINGHAM, R. L. and ANDERSON, J. ANSEL. Micro Tests of Alimentary Pastes. II. Effects of Processing Conditions on Paste Properties. *Cereal Chemistry* (in press).
- EVA, W. J. and LEVI, I. A Note on the Chemical Composition of Manitoba Shelled Corn, 1941 Crop. *Scientific Agriculture* (in press).
- ANDERSON, J. ANSEL, SALLANS, H. R. and MEREDITH, W. O. S. Malting Quality of Canadian Barley. IV. Summary of Information of Interest to Plant Breeders. *Scientific Agriculture* (in press).

The laboratory is now making a special effort to publish a bulletin summarizing the results of twelve annual surveys (1927 to 1938) of the protein content of Western Canadian hard red spring wheat. This project should have been completed a year ago, but was delayed by press of other work. Papers on a number of other investigations—malted wheat, moisture gradients, and studies of physical dough testing machines—must also be written up when time permits;

indeed, it may be said that the laboratory is further behind with the preparation and publication of scientific papers than with any other phase of its work. In general, the unpublished work relates to the ordinary peacetime research programme of the laboratory. It has been necessary to curtail this not only to provide time for more important investigations, but also because the laboratory has had to shoulder certain essential routine studies dropped by other western laboratories. In effect, this policy involves the concentration of all essential grain research in the Board's laboratory, in order to make the staffs of other laboratories available for war work.

Owing to the shortage of chemists and sub-professional assistants, the Malting Laboratory—formerly operated at the University of Manitoba, with financial assistance from the Associate Committee on Grain Research—was placed under the direction of the Grain Research Laboratory early in 1942. This made possible a redistribution of staff designed to make better use of trained personnel. In December, the probability of losing additional staff made it necessary to move the Malting Laboratory from the University to the Grain Exchange Building, thus incorporating it as an integral part of the Grain Research Laboratory. Mr. W. O. S. Meredith, Biochemist-in-charge of the Malting Laboratory, and his two assistants joined our staff.

A large turnover in personnel occurred during the year: among the professional men, Mr. A. E. Paull joined the R.C.A.F., Mr. F. H. Lehberg was seconded to the office of the Oils and Fats Controller, and Dr. R. L. Cunningham was seconded to the Department of Mines and Natural Resources for war research; Messrs. K. Wares and L. E. Wilson also enlisted in the R.C.A.F., while Miss L. Rosenblat joined the staff of the Royal Air Force Delegation in the United States; Messrs. S. K. Hunter and E. A. Higham and Miss R. Pollock left to take other positions. Three temporary assistants stayed for only short periods. Aside from Mr. W. O. S. Meredith, all replacements obtained by the laboratory were inexperienced, most of them being girls who had just left high school.

Various difficulties have been experienced in obtaining chemicals and equipment and delays in delivery have been embarrassing at times. However, a "blanket" priority rating has now been obtained for the laboratory, and, all things considered, the present situation appears reasonably satisfactory.

A detailed report on the work of the Grain Research Laboratory has been prepared. In accordance with past practice, it is recommended that this report be published separately, with the object of putting on record data on the quality of the more important Canadian grain crops, and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR THE FISCAL
YEAR ENDING MARCH 31, 1942

(a) WINNIPEG—

Revenue—

Licence Fees.....		\$	30,817 00	
Registration Fees.....	\$	13,603 28		
Cancellation Fees.....		11,855 64		
			25,458 92	
Inspection Fees.....	204,473 40			
Samples Sold.....	6,658 99			
Cargo Certificates Splits.....	197 00			
Sampling Fees.....	658 50			
Refund Express.....	1,649 50			
Sundries.....	477 00			
			214,114 39	
Appeal Fees.....			2,118 00	
Weighing Fees.....	12,660 02			
Condition Reports.....	114 00			
			12,774 02	
		\$	285,282 33	

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	10,952 56
Licensing and Bonding.....	11,659 92

Rents—

Executive Office.....	3,236 80
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	2,590 63
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General Expenses—

Grain Commission.....	3,210 49
Licensing and Bonding.....	679 23

Printing and Stationery—

Grain Commission.....	1,233 90
Licensing and Bonding.....	1,509 15

Assistant Commissioner's Office—

Salaries.....

Salaries.....	7,952 22
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Rent.....

Rent.....	543 12
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Travelling Expenses.....

Travelling Expenses.....	843 93
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General Expenses.....

General Expenses.....	169 45
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Printing and Stationery.....

Printing and Stationery.....	3 52
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82,259 36

Grain Research Laboratory—

Salaries.....

Salaries.....	33,224 39
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Rent.....

Rent.....	7,819 20
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Travelling Expenses.....

Travelling Expenses.....	400 95
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General Expenses.....

General Expenses.....	6,223 73
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Printing and Stationery.....

Printing and Stationery.....	1,615 88
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49,284 15

Registration Branch—

Salaries.....

Salaries.....	13,401 12
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Rent.....

Rent.....	1,381 44
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General Expenses.....

General Expenses.....	296 00
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Printing and Stationery.....

Printing and Stationery.....	90
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Travelling Expenses.....

Travelling Expenses.....	39 80
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15,119 26

Accounts—

Salaries.....

Salaries.....	6,251 33
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General Expenses.....

General Expenses.....	160 06
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Printing and Stationery.....

Printing and Stationery.....	355 56
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6,766 95

Inspection Branch—

Salaries.....

Salaries.....	245,230 39
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Rent.....

Rent.....	15,848 60
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Travelling Expenses.....

Travelling Expenses.....	2,114 11
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General Expenses.....

General Expenses.....	14,956 17
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Printing and Stationery.....

Printing and Stationery.....	2,723 21
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280,872 48

Weighing Branch—

Salaries.....

Salaries.....	32,221 38
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Rent.....

Rent.....	1,397 16
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Travelling Expenses.....

Travelling Expenses.....	136 05
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General Expenses.....

General Expenses.....	345 59
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Printing and Stationery.....

Printing and Stationery.....	6 96
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34,107 14

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1942—Continued

(a) WINNIPEG—Concluded				
Expenditure—Con.				
Grain Appeal Tribunal—				
Salaries.....	\$	4,380	00	
Rent.....		369	12	
General Expenses.....		1,005	38	
				\$ 6,254 50
Grain Standards Committee—				
Travelling Expenses.....		1,550	10	
General Expenses.....		1,620	00	
				\$ 3,170 10
				\$ 477,833 94
(b) CHURCHILL—				
Expenditure—				
Inspection Branch—				
Salaries.....				
Travelling Expenses.....				348 60
Weighing Branch—				
Salaries.....				
Travelling Expenses.....				68 30
				416 90
(c) KEEWATIN—				
Revenue—				
Weighing Fees.....				7,287 00
Expenditure—				
Salaries—Inspection Branch.....				2,144 00
Salaries—Weighing Branch.....		4,920	00	
General Expenses.....		44	29	
				4,964 29
				7,108 29
(d) SASKATOON—				
Revenue—				
Inspection Fees.....		4,768	30	
Samples sold.....		170	25	
Sundries.....		0	50	
				4,939 05
Weighing Fees.....				6,397 00
				11,336 05
Assistant Commissioner's Office—				
Salaries.....		9,215	28	
Travelling Expenses.....		695	36	
General Expenses.....		102	05	
Printing and Stationery.....		46	41	
				10,059 10
Inspection Branch—				
Salaries.....		11,196	97	
Rent.....		877	00	
Travelling Expenses.....				
General Expenses.....		500	43	
Printing and Stationery.....		5	23	
				12,579 63
Weighing Branch—				
Salaries.....		10,510	56	
Travelling Expenses.....		42	95	
General Expenses.....		4	82	
Printing and Stationery.....				
				10,558 33
				33,197 06
(e) MOOSE JAW—				
Revenue—				
Inspection Fees.....		4,390	35	
Samples Sold.....		175	35	
Sundries.....		23	00	
				4,588 70
Weighing Fees.....				6,090 30
				10,679 00
Expenditure—				
Inspection Branch—				
Salaries.....		11,336	06	
Rent.....		900	00	
General Expenses.....		809	48	
Printing and Stationery.....		7	09	
				13,052 63
Weighing Branch—				
Salaries.....		7,690	11	
Travelling Expenses.....		262	80	
General Expenses.....		7	61	
				7,960 52
				21,013 15

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1942—Continued

(f) MEDICINE HAT—

<i>Revenue—</i>			
Inspection Fees.....	\$	2,681 00	
Samples Sold.....		148 22	
		<u>\$</u>	2,829 22
Weighing Fees.....		4,476 00	
		<u>\$</u>	7,305 22
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....		1,959 83	
Rent.....		240 00	
General Expenses.....		147 75	
		<u></u>	2,347 58
Weighing Branch—			
Salaries.....		4,651 71	
General Expenses.....		3 21	
		<u></u>	4,654 92
			7,002 50

(g) LETHBRIDGE—

<i>Revenue—</i>			
Inspection Fees.....		128 20	
Samples Sold.....		21 76	
Sundries.....		62 00	
		<u></u>	211 96
Weighing Fees.....		92 30	
		<u></u>	304 26
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....		4,295 28	
Travelling Expenses.....		83 80	
General Expenses.....		34 13	
		<u></u>	4,413 21
Weighing Branch—			
Salaries.....		4,175 28	
Travelling Expenses.....		86 65	
General Expenses.....		9 60	
		<u></u>	4,271 53
			8,684 7

(h) CALGARY—

<i>Revenue—</i>			
Inspection Fees.....		11,097 20	
Samples Sold.....		367 51	
Refund Express.....		15 25	
Sundries.....		305 00	
		<u></u>	11,784 96
Weighing Fees.....		7,247 80	
Appeal Fees.....		99 00	
		<u></u>	19,131 76
<i>Expenditure—</i>			
Assistant Commissioner's Office—			
Salaries.....		9,140 28	
Rent.....		828 00	
Travelling Expenses.....		602 01	
General Expenses.....		261 64	
Printing and Stationery.....		14 03	
		<u></u>	10,845 96
Inspection Branch—			
Salaries.....		31,910 05	
Rent.....		3,001 00	
Travelling Expenses.....			
General Expenses.....		1,755 81	
Printing and Stationery.....		199 11	
		<u></u>	36,865 97
Weighing Branch—			
Salaries.....		19,303 53	
Rent.....		314 04	
Travelling Expenses.....		141 75	
General Expenses.....		160 58	
		<u></u>	19,919 90
Grain Appeal Tribunal—			
Salaries.....		4,643 96	
Rent.....		420 00	
General Expenses.....		144 11	
		<u></u>	5,208 07
			72,839 90

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1942—Continued

(i) PRINCE RUPERT—

Revenue—

Inspection Fees.....	\$	2 90	
Weighing Fees.....		2 00	
			\$ 4 90

Expenditure—

Inspection Branch—

Salaries.....	\$	74 52	
Travelling Expenses.....		156 85	
			231 37

Weighing Branch—

Salaries.....		1,835 28	
Travelling Expenses.....		312 90	
			2,148 18

2,379 55

(j) EDMONTON—

Revenue—

Inspection Fees.....	16,277 50		
Samples Sold.....	386 61		
Refund Express.....	16 00		
Sundries.....	138 00		
		16,818 11	
Weighing Fees.....		1,827 40	
Appeal Fees.....		159 00	
			18,804 51

Expenditure—

Inspection Branch—

Salaries.....	39,654 93		
Rent.....	3,834 00		
Travelling Expenses.....	72 13		
General Expenses.....	1,529 38		
Printing and Stationery.....	338 65		
		45,429 09	

Weighing Branch—

Salaries.....	9,550 00		
Travelling Expenses.....	750 15		
General Expenses.....	73 13		
		10,373 28	

Grain Appeal Tribunal—

Salaries.....	4,532 96		
Rent.....	510 00		
General Expenses.....	187 76		
		5,230 72	

61,033 09

(k) VANCOUVER—

Revenue—

Inspection Fees.....	3,761 50		
Samples Sold.....	238 16		
Sundries.....	6 00		
		4,005 66	
Weighing.....		7,648 70	
Registration Fees.....	144 72		
Cancellation Fees.....	157 52		
		302 24	
			11,956 60

Expenditure—

Inspection Branch—

Salaries.....	56,396 40		
Rent.....	4,239 00		
Travelling Expenses.....	36 35		
General Expenses.....	1,414 97		
Printing and Stationery.....	80 31		
		62,167 03	

Weighing Branch—

Salaries.....	69,333 75		
Rent.....	1,659 00		
General Expenses.....	574 24		
		71,566 99	

Registration Branch—

Salaries.....	6,070 56		
Rent.....	1,092 00		
General Expenses.....	157 29		
		7,319 85	

141,053 87

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1942—*Continued*

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	\$ 316,073 80	
Samples Sold.....	6,348 17	
Cargo Certificate Splits.....	1 10	
	<hr/>	\$ 322,423 07
Weighing Fees.....		516,594 80
		<hr/>
		\$ 839,017 87

*Expenditure—**Inspection Branch—*

Salaries.....	338,633 31	
Rent.....	12,176 88	
Travelling Expenses.....	2,649 16	
General Expenses.....	8,699 78	
Printing and Stationery.....	3,711 21	
	<hr/>	365,870 34

Weighing Branch—

Salaries.....	253,068 49	
Rent.....	2,851 68	
Travelling Expenses.....	8,652 01	
General Expenses.....	2,534 80	
Printing and Stationery.....	894 64	
	<hr/>	268,001 62

Assistant Commissioner's Office—

Salaries.....	8,467 59	
Rent.....	540 00	
Travelling Expenses.....	131 90	
General Expenses.....	198 42	
	<hr/>	9,337 91

Statistical Branch—

Salaries.....	41,031 19	
Rent.....	3,285 00	
Travelling Expenses.....	241 57	
General Expenses.....	2,203 19	
Printing and Stationery.....	2,826 47	
	<hr/>	49,587 42

692,797 29

(m) TORONTO—

Revenue—

Inspection Fees.....	1,465 00	
Sampling Fees.....	44 00	
Samples Sold.....	27 93	
Cargo Certificate Splits.....	1 20	
	<hr/>	1,538 13

*Expenditure—**Inspection Branch—*

Salaries.....	5,015 28	
Rent.....	540 00	
Travelling Expenses.....	7 53	
General Expenses.....	283 79	
Printing and Stationery.....	29 52	
	<hr/>	5,876 12

(n) MONTREAL—

Revenue—

Inspection Fees.....	207 85	
Sampling Fees.....	1,155 20	
Samples Sold.....	149 29	
Cargo Certificate Splits.....	787 70	
	<hr/>	2,300 04
Registration Fees.....	3,684 71	
Cancellation Fees.....	3,514 15	
	<hr/>	7,198 86
Weighing Fees.....		2 00
		<hr/>
		9,500 90

*Expenditure—**Inspection Branch—*

Salaries.....	32,635 81	
Rent.....	1,940 04	
Travelling Expenses.....	4,288 76	
General Expenses.....	1,110 62	
Printing and Stationery.....	154 32	
	<hr/>	40,129 55

Weighing Branch—

Salaries.....	1,985 28	
Rent.....	480 00	
Travelling Expenses.....	148 35	
General Expenses.....	161 36	
Printing and Stationery.....	376 48	
	<hr/>	3,151 47

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1942—*Concluded*(n) MONTREAL—*Concluded**Expenditure—Concluded*

Registration Branch—

Salaries.....	\$ 5,427 93	
Rents.....	420 00	
Travelling Expenses.....	128 70	
General Expenses.....	247 64	
Printing and Stationery.....	88 95	
	<u>\$</u>	6,313 22

49,594 24

(o) CHATHAM—

Revenue—

Inspection Fees.....	916 70	
Samples Sold.....	95 89	
Sampling Fees.....	2,094 00	

3,106 59

Expenditure—

Inspection Branch—

Salaries.....	7,266 95	
Rent.....	420 00	
Travelling Expenses.....	2,092 33	
General Expenses.....	378 18	
Printing and Stationery.....	23 62	

10,181 08

(p) VICTORIA—

Revenue—

Inspection Fees.....	70 60	
Samples Sold.....	3 57	
	<u>74 17</u>	
Weighing Fees.....	105 20	

179 37

Expenditure—

Inspection Branch—

Salaries.....	2,880 00	
General Expenses.....	6 60	
	<u>2,886 60</u>	

Weighing Branch—

Salaries.....	2,460 00	
Travelling Expenses.....	39 45	
General Expenses.....	1 60	
	<u>2,501 05</u>	

5,387 65

(q) DULUTH—

Revenue—

Inspection Fees.....		15,967 00
----------------------	--	-----------

Expenditure—

Salaries.....	3,391 54	
Travelling Expenses.....	2,164 74	
General Expenses.....	68 00	
	<u>5,624 28</u>	

SUMMARY OF OPERATION BY BRANCHES

REVENUE

	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
Fees.....	582,281 30	570,430 52	2,376 00	32,960 02	30,817 00					1,218,864 84
Sampling.....	3,957 70									3,957 70
Express Charges.....	1,680 75									1,680 75
Cargo Splits.....	987 00									987 00
Samples Sold.....	14,791 70									14,791 70
Condition Reports.....		114 00								114 00
Sundries.....	1,005 50									1,005 50
	\$604,703 95	\$570,544 52	\$2,376 00	\$32,960 02	\$30,817 00					\$1,241,401 49

EXPENDITURE

	Salaries.....	794,123 02	421,705 37	13,556 92	24,899 61	94,007 85	41,031 19	6,251 33	33,224 39	1,428,799 68
	Rents.....	44,016 52	6,701 88	1,299 12	2,893 44	6,202 36	3,285 00	7,819 20	72,217 52
	Travel.....	14,014 36	10,641 36	168 50	4,863 83	241 57	400 95	1,550 10	31,880 67
	Expenses.....	31,593 39	3,920 83	1,837 25	700 93	4,621 28	2,203 19	160 06	6,223 73	1,620 00	52,880 66
	Printing and Stationery.....	7,272 27	1,278 08	89 85	2,807 01	2,826 47	355 56	1,615 88	16,245 12
		\$891,019 56	\$444,247 52	\$16,693 29	\$28,752 33	\$112,502 33	\$49,587 42	\$6,766 95	\$49,284 15	\$3,170 10	\$1,602,023 65

Net deficit..... \$360,622 16

TRADE AND COMMERCE

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection	Weighting	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
Winnipeg.....	214, 114 39	12, 774 02	2, 118 00	25, 458 92	30, 817 00					285, 282 33
Keewatin.....		7, 287 00								7, 287 00
Saskatoon.....	4, 939 05	6, 397 00								11, 336 05
Moose Jaw.....	4, 588 70	6, 090 30								10, 679 00
Medicine Hat.....	2, 829 22	4, 476 00								7, 305 22
Lethbridge.....	211 96	92 30								304 26
Calgary.....	11, 784 96	7, 247 80	99 00							19, 131 76
Edmonton.....	16, 818 11	1, 827 40	159 00							18, 804 51
Vancouver.....	4, 005 66	7, 648 70		302 24						11, 956 60
Fort William.....	322, 423 07	516, 594 80								839, 017 87
Toronto.....	1, 538 13									1, 538 13
Montreal.....	2, 300 04	2 00		7, 198 86						9, 500 90
Chatham.....	3, 106 59									3, 106 59
Victoria.....	74 17	105 20								179 37
Prince Rupert.....	2 90	2 00								4 90
Duluth.....	15, 967 00									15, 967 00
	604, 703 95	570, 544 52	2, 376 00	32, 960 02	30, 817 00					1, 241, 401 49

GRAIN COMMISSION

EXPENDITURE

Winnipeg.....	280,872 48	34,107 14	6,254 50	15,119 26	82,259 36	6,766 95	49,284 15	3,170 10	477,833 94
Churchill.....	348 60	68 30							416 90
Keewatin.....	2,144 00	4,964 29							7,108 29
Saskatoon.....	12,579 63	10,558 33			10,059 10				33,197 06
Moose Jaw.....	13,052 63	7,960 52							21,013 15
Medicine Hat.....	2,347 58	4,654 92							7,002 50
Lethbridge.....	4,413 21	4,271 53							8,684 74
Calgary.....	36,865 97	19,919 90	5,208 07		10,845 96				72,839 90
Edmonton.....	45,429 09	10,373 28	5,230 72						61,033 09
Vancouver.....	62,167 03	71,566 99		7,319 85					141,053 87
Fort William.....	365,870 34	268,001 62			9,337 91	49,587 42			692,797 29
Toronto.....	5,876 12								5,876 12
Montreal.....	40,129 55	3,151 47		6,313 22					49,594 24
Chatham.....	10,181 08								10,181 08
Victoria.....	2,886 60	2,501 05							5,387 65
Prince Rupert.....	231 37	2,148 18							2,379 55
Duluth.....	5,624 28								5,624 28
	891,019 56	444,247 52	16,693 29	28,752 33	112,502 33	49,587 42	6,766 95	3,170 10	1,602,023 65

Total expenditure.....	\$ 1,602,023 65
Total Revenue.....	1,241,401 49
Net Deficit.....	\$ 360,622 16

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1942 Regulation No. 22 was revised and Regulations Nos. 48 and 49 were amended.

The Regulations of the Board in effect at December 31, 1942, are as follows:

No. 1—Registration and Cancellation of Terminal Warehouse Receipts.

4—Inspection of Samples taken other than at an Inspection Point.

11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.

14—Construction of Elevators.

21—Cleaning Grain and Bins.

22—Fees.

23—Form of Terminal Warehouse Receipt.

35—Registration and Cancellation of Transfer and Eastern Warehouse Receipts.

36—Delivery of Grain to Ocean Vessels at Montreal.

37—Maximum Tariff of Charges and Shrinkage Allowances for Licensed Country Elevators.

38—Maximum Tariff of Charges—Terminal Elevators at Fort William-Port Arthur and Winnipeg.

39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.

40—Maximum Tariff of Charges—Terminal Elevators West of Calgary.

41—Maximum Tariff of Charges at the Terminal Elevator at Churchill, Manitoba.

42—Maximum Tariff of Charges for handling Grain at Eastern Elevators.

43—Procedure—Country Elevators.

44—Drying of Grain.

45—Records, Reports and Returns.

46—Receipt for Grain delivered to Private Country Elevators and Mill Elevators.

47—Inspection of Grain at The Pas, Manitoba.

48—Names and Definitions of "Off Grades" for Western Grain.

49—Names and Definitions of "Off Grades" for Eastern Grain.

50—Names and Definitions of Grades for Screenings.

51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.

52—Binning of Tough Wheat with Straight Grade Wheat.

53—Enforcement of Lien by Sale of Grain.

54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.

55—Delivery of Grain to Ocean Vessels at West St. John, New Brunswick.

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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

HON. JAMES A. MacKINNON, M.P.

Acting Deputy Minister

OLIVER MASTER

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1943



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1944

Price, 25 cents



C412A 12
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

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TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Cars out of turn.....	6
Stored Grain Pests Investigation.....	6
Shipment of Grain to United States of America.....	6
Canadian Government Elevators.....	7
Audit of Stocks in Terminal and Eastern Elevators.....	7
Elevator Charges.....	7
Lake Freight Rates.....	8
War Risk Insurance on Grain.....	8
Assistant Commissioners.....	8
Grading of Sunflower Seed and Rapeseed.....	8
Committees on Grain Standards.....	9
Wheat Bonus.....	9
The Prairie Farm Assistance Act, 1939.....	9
Expenditure and Revenue.....	9
APPENDICES:	
No. 1—Report of Secretary.....	10
(a) Complaints.....	10
(b) Prosecutions.....	11
(c) Defaults.....	11
(d) Cars out of turn.....	11
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	11
(f) Report of Warehouseman.....	11
(g) Summary of Licences for past Twenty Years.....	14
(h) Grain Loading Platforms.....	15
(i) Prairie Farm Assistance Act—One Per cent Levy.....	15
(j) Report of Statistician.....	16
(k) Annual Weigh-up—Terminal Elevators.....	25
No. 2—Personnel—Committees on Grain Standards.....	31
3—Personnel—Grain Appeal Tribunals.....	32
4—Report of Registrar.....	33
5—Report of Chief Grain Inspector.....	35
6—Report of Chief Grain Weighmaster.....	44
7—Report of General Manager, Canadian Government Elevators.....	49
8—Report of Chief Chemist.....	51
9—Report of Revenue and Expenditure.....	53
10—Regulations of the Board.....	62

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MAN., January 22, 1944

Honourable JAMES A. MacKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1943, in compliance with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions generally throughout Canada were much more variable during 1943 than in the previous year. Eastern Canada suffered a cold, backward spring, greatly retarding seeding. This was followed by a dry summer, resulting in very light crops of several grains. The demand for feed grains from Western Canada was unprecedentedly heavy, thus adding substantially to the problems of the previously overtaxed railway transportation facilities. Large areas in South-eastern Alberta and West-Central Saskatchewan suffered from drought conditions, materially reducing the yield in these provinces.

In accordance with Government policy, the acreage sown to wheat was again reduced. The estimated wheat acreage for 1943 was 16,729,000 acres compared with 20,653,000 acres in 1942. This shows a reduction of 3,924,000 acres. The estimated yield of wheat in 1943 was 277,000,000 bushels compared with 565,000,000 bushels (*) in 1942, or a reduction of 288,000,000 bushels.

The estimated acreage sown to oats in 1943 was 11,789,500 acres as compared with 9,666,000 acres in 1942, an increase in oat acreage of 2,123,500 acres. The total estimated yield in 1943 was 392,000,000 bushels as compared with a yield of 500,000,000 bushels in 1942.

Barley acreage also showed some increase, the estimated figure for 1943 being 7,896,000 acres as compared with 6,414,000 acres in 1942. The estimated yield for 1943 was 204,000,000 bushels as against a production of 241,000,000 bushels in 1942.

The acreage increase of flax in 1943 was approximately 89 per cent over that of 1942, or approximately 1,300,000 acres more. But owing to unfavourable growing conditions the total yield for 1943 was 17,700,000 bushels compared with 14,992,000 bushels in 1942, an increase of 2,708,000 bushels.

Because of war needs, two new crops were introduced into Western Canada in 1943. Twenty-nine thousand acres were sown to sunflowers, yielding an estimated crop of 18,600,000 pounds; 3,222 acres were sown to rapeseed, yielding approximately 2,843,900 pounds of rape. These two crops were grown mainly

(*) Final estimate.

in Manitoba and Saskatchewan, and while yet only in the introductory stage, the experiences of 1943 would seem to indicate that these can be successfully grown if a permanent market becomes assured.

The estimated yield for all these crops for the year 1943 was 896,270,000 bushels as compared with a total for 1942 of 1,343,700,000 bushels. The unusually heavy carryover from the previous year, together with the current crop, continued to constitute a very serious storage problem. The normal storage capacity proved inadequate to the needs and substantial quantities of grain had to be carried in farm storage.

The shortage of feed grain in Eastern Canada and the United States as well as the export demand for Canadian wheat and flour provided quite active trade in all Canadian grains. The load imposed on the transportation facilities of the Canadian railways was exceedingly heavy. Car shortages became acute but on the whole gratification can be expressed for the manner in which the movement of grain has been expedited under the very difficult conditions.

CARS OUT OF TURN

The continued congestion in grain storage and the restricted number of railway cars available for the shipment of grain from country elevators for the greater part of the year has led to a large increase in the number of applications under the provisions of Section 68 of the Canada Grain Act for cars out of turn for the shipment of grain out of condition or in danger of becoming so. All applications are closely scrutinized since there is still a tendency on the part of some operators of country elevators to abuse this privilege. Approximately 75 per cent of the applications made were granted. In view of the long periods in which such a large volume of grain has been in store in elevators and in annexes not intended for long-term storage, the amount of loss occasioned by grain going out of condition is comparatively small.

STORED GRAIN PESTS INVESTIGATION

The Board has continued the employment of the entomologist working under the direction of the Dominion Division of Entomology and the results achieved have fully justified this action.

Following up the procedure outlined in the last report of the Board, the grain trade is assisted with specific information on the presence and control of insects on the basis of over 3,000 samples submitted for examination during the year. Where evidence showed possibilities of serious infestations, direct assistance was given by the entomologist in the control thereof and in obtaining insecticidal materials.

The Board has issued two circulars in regard to stored grain pests and their control.

In co-operation with the Dominion Division of Plant Protection, an assistant has been maintained at the Lakehead and a system of three inspections annually of the Bay-port elevators has been put in operation. Two radio broadcasts and a circular were directed to farmers, outlining methods for detecting and preventing insect damage in farm-stored grain.

SHIPMENT OF GRAIN TO THE UNITED STATES OF AMERICA

To facilitate the shipment of oats and barley to the United States of America direct from western country points from which the direct line of railway did not pass through an inspection point, the Board, by an Order made on February 3, 1943, authorized the railway companies for a limited period to accept such shipments which were not inspected and graded under the provisions of the

Canada Grain Act. Shippers of the grain were required to submit to the Chief Grain Inspector, for grading, a representative sample taken at the time of loading.

The Board also, by Regulation No. 56 dated September 1, 1943, made provision for the sampling and inspection at Lethbridge and Coutts, Alberta, of grain from country points south of Calgary, Alberta, being shipped direct to the United States of America. The heavy movement anticipated through these points did not materialize, however, owing to the difficulty in obtaining railway cars.

CANADIAN GOVERNMENT ELEVATORS

With the continued demand for storage space, all of the Canadian Government Elevators operated by the Board have had a large handling of grain during the year with a good turn-over of a large proportion of the stocks. At December 31, 1943, total stocks in these elevators were 13,333,710 bushels as compared with 16,048,557 bushels at the close of the previous year. Between July 31, 1943 and December 31, 1943 the elevators at Moose Jaw and Saskatoon handled 1,500,000 and 500,000 bushels of flax respectively, and during the same period the Saskatoon elevator dried and cleaned 317,000 pounds of sunflower seed.

AUDIT OF STOCKS IN TERMINAL AND EASTERN ELEVATORS

Heavy shipments from the Head of the Lakes towards the close of navigation reduced the stocks in store in all the terminal elevators at Fort William and Port Arthur to a very low figure and the opportunity was taken to make an audit of the actual stocks in store, so that during the year 1943 the stocks in each terminal elevator at the Head of the Lakes have been weighed over in accordance with the provisions of the Canada Grain Act.

On applying the provisions of Section 138 of the Canada Grain Act to the results of these audits, excessive overages were disclosed at three semi-public terminal elevators and settlement therefor has been demanded by the Board from the licensees in accordance with the provisions of the Canada Grain Act.

The stocks in store at the five interior Canadian Government Public Terminal Elevators were also weighed over during 1943, as well as the Canadian Government Elevator at Prince Rupert and the National Harbours Board Elevator at Churchill. No excessive overages were disclosed at these elevators.

At Vancouver it was only possible to weigh the stocks in three terminal elevators and no excessive overages were disclosed at these elevators. The stocks in the other five terminals were estimated in accordance with the provisions of Order in Council P.C. 5298 dated October 2, 1940.

Of the thirty (30) Eastern Elevators, the stocks were actually weighed over in seventeen (17) elevators and excessive overages were disclosed in one elevator for which settlement has been demanded by the Board from the licensee in accordance with the provisions of Section 138(a) of the Canada Grain Act. The stocks in the other thirteen (13) Eastern Elevators were estimated in accordance with the provisions of Order in Council P.C. 5298.

ELEVATOR CHARGES

The provisions of Order in Council P.C. 1225 of February 19, 1941, fixing the maximum charges at terminal and country elevators, expired on the 31st day of July, 1943, and the Board therefore held the usual public hearings at Toronto, Winnipeg and Vancouver in June and July, 1943, to hear representations regarding the maximum tariffs of elevator charges to be fixed for the crop year commencing August 1, 1943.

The maximum charges set by the Board for the new crop year reduced the storage charge at country and terminal elevators from one forty-fifth of one cent (1/45c.) per bushel per day to one-fiftieth of one cent (1/50c.) per bushel per day, and also reduced the storage charge at Eastern Elevators at Georgian Bay and Lower Lake ports from one-fortieth of one cent (1/40c.) per bushel per day to one-forty-fifth of one cent (1/45c.) per bushel per day.

In December, 1943, a special regulation was made by the Board setting maximum tariffs of charges for the handling of sunflower seed at licensed elevators. This seed has not previously been handled in bulk at licensed elevators.

LAKE FREIGHT RATES

The maximum rates fixed by the Board in June, 1941, for the carriage of wheat from Fort William and Port Arthur to Bay Ports, Goderich, Sarnia, Port Colborne, Kingston, Prescott, Montreal and other St. Lawrence Ports, with increased rates in the month of December on account of increased insurance costs, remained in effect throughout the 1943 season of navigation.

WAR RISK INSURANCE ON GRAIN

Under the provisions of the War Risk Insurance Act, 1942 and Order in Council P.C. 10229 dated November 19, 1942, the Board has continued to collect the levy for War Risk Insurance assessed on grain received at, shipped from or processed at the different classes of elevators.

As at November 27, 1943, the Board had collected Seven Hundred and Seventy-eight Thousand, Three Hundred and Fifty-seven Dollars and Forty Cents (\$778,357.40) but as the rates of the levy were reduced twenty per cent (20%), effective September 1, 1943, Twenty-seven Thousand, Three Hundred and Thirty-eight Dollars and Ninety-four Cents (\$27,338.94) was refunded to licensees, making a net collection of Seven Hundred and Fifty-one Thousand and Eighteen Dollars and Forty-six Cents (\$751,018.46).

In accordance with Paragraph 6 of Order in Council P.C. 10229 the Board has approved for payment to licensees of Eastern and Terminal Elevators the sum of Five Thousand, Six Hundred and Two Dollars and Thirty Cents (\$5,602.30) interest for the twelve months ended November 30, 1943, on outstanding advances of levy made by such licensees.

ASSISTANT COMMISSIONERS

The number of complaints investigated by the Assistant Commissioners during 1943 was sixty-seven (67) as compared with fifty-two (52) in the previous year, but they have continued to assist the Board in carrying out the provisions of The Canada Grain Act by investigating applications for cars out of turn and inspecting buildings to be used as special annexes to country elevators.

They also carried out the usual inspection of a number of country elevators in each province.

Mr. R. S. Dundas, Assistant Commissioner for Saskatchewan, retired on account of ill health on November 20, 1943, after fourteen years of very efficient service. He was succeeded by Mr. John Vallance.

GRADING SUNFLOWER SEED AND RAPESEED

Order in Council P.C. 2894 dated April 9, 1943, authorized the Canadian Wheat Board to buy sunflower seed and rapeseed and to facilitate the handling of these seeds through licensed elevators. The Board is now providing inspection and grading service thereon in accordance with official grades established under Orders in Council P.C. 7301 dated September 20, 1943, and P.C. 8593 dated November 9, 1943.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1943-44 were constituted by the Board in accordance with Section Twenty-five of The Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 19, 1943, and the Eastern Committee at Toronto on September 20, 1943, and at Montreal on November 24, 1943.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of Three Hundred and Eighty-six Dollars and Seventy-five Cents (\$386.75) were redeemed during the past year. Outstanding certificates still remain in the amount of Seven Thousand, Nine Hundred and Six Dollars and Thirty-eight Cents (\$7,906.38).

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued under the Prairie Farm Assistance Act 1939 to collect one per cent (1%) of the net value of grain marketed in the three western provinces. During the crop year ended July 31, 1943, the sum of Two Million, Seven Hundred and Twenty-nine Thousand and Eighty-six Dollars and Seventeen Cents (\$2,729,086.17) was collected, making total collections since the inception of this scheme on August 1, 1939 to July 31, 1943 of Seven Million, One Hundred and Ninety-three Thousand and Forty-one Dollars and Ninety-two Cents (\$7,193,041.92).

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1942-43 was One Million, Six Hundred and Five Thousand, One Hundred and Fifty Dollars and Sixty-seven Cents (\$1,605,150.67) compared with One Million, Six Hundred and Two Thousand and Twenty-three Dollars and Sixty-five Cents (\$1,602,023.65) for the previous fiscal year. Revenue for the fiscal year 1942-43 was Nine Hundred and Ninety-seven Thousand, Three Hundred and Twenty-seven Dollars and Seventy-six Cents (\$997,327.76) compared with One Million, Two Hundred and Forty-seven Thousand, Eighty-six Dollars and Ninety-two Cents (\$1,247,086.92) for the previous fiscal year, a decrease of Two Hundred and Forty-nine Thousand, Seven Hundred and Fifty-nine Dollars and Sixteen Cents (\$249,759.16).

For the first nine months of the current fiscal year the total expenditure was \$40,209.15 more than in the corresponding period in the previous fiscal year, and the revenue for the same period shows an increase of \$418,983.06.

Reports of the various departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MAN., January 19, 1944.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the year 1943:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued during past Twenty Years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per Cent Levy.
- (j) Report of Statistician.
- (k) Annual Weigh-over—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1943, the Board investigated sixty-seven (67) complaints including nine (9) outstanding at December 31, 1942, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under the Canada Grain Act, as follows:

Manitoba.....	20
Saskatchewan.....	29
Alberta.....	9
Outstanding at December 31, 1942.....	9
	<hr/>
	67

These were disposed of as follows:

No grounds for complaint.....	27
Complaint withdrawn.....	3
Settlement effected.....	17
Outside jurisdiction of Board.....	5
Licensee warned.....	3
Prosecution instituted.....	4
Not yet disposed of.....	8
	<hr/>
	67

MISCELLANEOUS COMPLAINTS

Seven (7) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These, together with three (3) complaints outstanding at December 31, 1942, were disposed of as follows:

Settlement effected.....	3
Settlement ordered.....	1
No grounds for complaint.....	5
Not yet disposed of.....	1
	<hr/>
	10

EXPORT SHIPMENTS

Eight (8) complaints were received in respect to overseas shipments and these were dealt with as follows:

No grounds for complaint.....	4
Not yet disposed of.....	4
	<hr/>
	8

(b) PROSECUTIONS

During the year 1943 proceedings were instituted by the Board in six (6) cases for breaches of the provisions of the Canada Grain Act, convictions being recorded in all cases.

(c) DEFAULTS

There were no defaults during the year 1943.

(d) CARS OUT OF TURN

During the year 1943 out-of-turn cars were ordered by the Board under the provisions of Section 68 of the Canada Grain Act, as follows:

Grain out of condition or in danger of becoming so.....	1,060 cars
Elevators in danger of collapse.....	1,049 cars

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107(a) of the Canada Grain Act the Board authorized the receipt of wheat from railway cars into country elevators in a total of two hundred and fourteen (214) cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1942-43.

During the season which commenced on August 1, 1942, and ended on July 31, 1943, one hundred and forty (140) firms and individuals applied for Licences as required by the provisions of The Canada Grain Act.

Five thousand, nine hundred and thirty-five (5,935) applications for Licences to operate were received and five thousand, seven hundred and eighty-nine (5,789) Licences were issued. One hundred and forty (140) Licences were transferred and six (6) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	31	.....	31	.....
Commission Merchants.....	38	.....	38	.....
Grain Dealers.....	17	.....	17	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	39	.....	39	4
Private Terminal Elevators.....	8	.....	8	.....
Eastern Elevators.....	30	.....	30	.....
Mill Elevators.....	36	1	35	1
Private Country Elevators.....	6	.....	6	.....
Public Country Elevators.....	5,584	5	5,579	135
Transfer.....	140	.....	.....	.....
	5,935	6	5,789	140

In addition to the above applications for regular elevator Licences, the Board also received eight hundred and two (802) applications for authority to operate off-site buildings as "Special Annexes" under authority of Order in Council P.C. 4215. Seven (7) of the applications were rejected and/or withdrawn and seven hundred and ninety (790) authorities to operate were granted. Five (5) of these licences were subsequently transferred. No fee was required from the applicants but they were required to deposit with the Board Surety Bonds to cover their operations at these off-site buildings.

At December 1, 1942, there were 5,782 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,752 in the Western Division and 30 in the Eastern Division; of these 5,699 were in operation under Licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at July 31, 1943, was 602,929,888 bushels; elevators proper and permanent annexes comprising 429,401,570 bushels; temporary annexes 162,909,550 bushels and special annexes 10,618,768 bushels.

The following Licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reasons stated hereunder:—

Public Country Elevator
Licence No. 254

McCabe Bros. Grain Company Limited; 32,000 bushel elevator at Minmar, Manitoba; cancelled as from date of issue; building subsequently licensed as a Special Annex to the McCabe Elevator at Minto, Manitoba.

Public Country Elevator
Licence No. 5546

A. J. Friesen trading as the Radisson Flour Mills; 20,000 bushel elevator at Radisson, Saskatchewan; cancelled September 30, 1942. Building totally destroyed by fire.

<i>Grain Dealer's Licence</i> No. G.D. 5	Gillespie Grain Company Limited of Edmonton, Alberta; cancelled May 25, 1943; Company ceased business.
<i>Grain Dealer's Licence</i> No. G.D. 6	Henry M. Trimble, Max Trimble and Lee Trimble trading as H. M. Trimble and Sons of Calgary, Alberta; cancelled April 8, 1943; Company no longer transacting this class of business.
<i>Track Buyer's Licence</i> No. T-143	Gillespie Grain Company Limited of Edmonton, Alberta, cancelled May 25, 1943; Company ceased business.
<i>Commission Merchant's Licence</i> No. C-124	Gillespie Grain Company Limited; cancelled May 25, 1943; Company ceased business.
<i>Semi-Public Terminal Licence</i> No. S-P. 162	Gillespie Grain Company Limited; 40,000 bushel elevator at Edmonton, Alberta; cancelled April 1, 1943; Elevator sold and operated by new owner as a Private Terminal elevator.

Sixty-four (64) Country Elevator licences were suspended by the Board at various times throughout the crop year owing to certain repairs being necessary to the elevators to maintain them in a fit and proper condition to store grain. The repairs were made in due course and all licences reinstated.

Licence Fees collected amounted to \$30,775.00, of this amount \$30.00 was refunded to applicants on account of applications for Licences having been withdrawn.

Surety Bonds amounting to \$28,183,674.35 were executed by thirteen (13) of the approved Surety Companies and were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the Licensees; in addition, four (4) Licensees deposited negotiable Government Bonds with a par value of \$19,800.00 in lieu of furnishing the usual forms of Surety Bonds. \$1,447,500.00 of this security was to cover the grain stored in "Special Annexes".

The only change in the permanent staff of this Branch was the transfer of the permanent stenographer to another Branch of the Board. The position for the time being is filled by a temporary appointee. It was necessary to employ temporary clerical assistance for a longer period than customary owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full time services of one of the permanent employees of this Branch whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,
Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1926-27 to 1942-43

Kind	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1927- 1928	1926- 1927	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	3,577	1,972	1,099
Private Country Elevators.....	6	6	6	6	7	13	11	12	13	14	9	12	385	398	309	156	35		
Public Terminal Elevators.....	6	6	6	6	5	3	6	6	7	7	9	10	8	11	10	11	14		
Semi-Public Terminal Elevators..	39	39	39	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)					
Private Terminal Elevators.....	8	9	10	13	38	40	39	36	37	37	38	37	40	476	480	467	17	**34	**10
Eastern Elevators.....	30	30	31	30	29	29	29	31	31	30	29	28	29	420	420	418	417		
Mill Elevators.....	35	34	38	38	15	17	15	19	19	21	22	26	25	*27	*18	*16	*10		
Elevator Space.....														1	1	1	3	7	58
Track Buyers.....	31	31	33	36	38	40	40	41	46	51	64	57	48	62	82	84	88	156	123
Commission Merchants.....	38	38	39	43	47	47	48	51	56	61	63	64	57	71	90	92	95	126	84
Grain Dealers.....	17	18	21	24	23	19	17	24	25	20	15	75	3	3	2	3	3		
Total number issued.....	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	4,646	3,921	1,109

‡Licensed as Public Elevators. *Licensed as Manufacturing Elevators. **Licensed as Terminal Elevators.

‡Licensed as Private Elevators.

ANNUAL REPORT OF STATISTICIAN

The Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the crop year 1942-43.

Production of the five principal grain crops of Canada in 1942 far exceeded, in the aggregate, all previous seasons.

Wheat, 556,134,000 bushels, was just below the record of 566,726,000 bushels in 1928.

Oats, 651,954,000 bushels, far exceeded the previous record of 563,997,000 bushels in 1923.

Barley, 259,156,000 bushels, closely approached double the previous record of 135,160,200 bushels in 1930.

Rye, 24,742,000 bushels, and flaxseed, 14,992,000 bushels, were well below previous high marks.

The same remarks apply to production in the three Prairie Provinces only, except in the case of barley, figures for 1942 being more than double those of 1928 the previous highest,—241 millions as compared with 112,684,000 bushels.

Of a total storage space in elevators, annexes thereto and other than elevator buildings, licensed by the Board of slightly more than 600 million bushels. There were 427½ million bushels of space already occupied at the time of the carry-over on 31st July, 1942. It will at once be realized that with little hope of any increase in the volume of exports overseas, the care of the grain after harvesting presented a very serious problem. This, in turn, was increased by heavy rains following harvest time in many districts of the Prairie Provinces, especially as much threshed grain was piled in the open.

As the crop season progressed the demand for feed grain for livestock, both in Eastern Canada and the U.S.A. increased steadily to assume record proportions. Railways, already very hard pressed to provide cars for the transport of munitions, were faced with the problem of moving large quantities of grain by all-rail and to facilitate the movement to U.S.A. points, arrangements were made to permit shipments direct from country points in Western Canada.

Due to a combination of unavoidable circumstances, some of the data required for the completion of figures representing marketing at country points and distribution thereof have not yet been received. It is not possible to include a statement similar to the one appearing on page 18 of the printed report of the Board for 1942 with this report. It will be submitted later. This also applies to the statements of exports of Canadian grain which appeared as pages 21-23 of the 1942 report.

LAKE TRANSPORTATION AND FREIGHT RATES

Following a severe, protracted winter season, the opening of navigation on the Great Lakes was later than usual. The heavy demand for ore necessitated the fullest possible use of ore-carriers and the volume of tonnage allocated to the carriage of grain was reduced to a minimum. As the need for grain to be used in the feeding of livestock in the U.S.A. increased more vessels were allocated, including a number carrying coal to Fort William-Port Arthur, grain from thence to Duluth-Superior and ore on the down-bound return trip.

Freight rates on shipments to Canadian ports were at the fixed levels as set by the Board, viz., 3½c. to Bay ports, Goderich and Sarnia; 4c. to Port Colborne; 5c. to Kingston and Prescott and 8c. to Montreal; with an all-round increase of 2c. per bushel for shipments in December to Bay and Lower Lake ports. Rates on shipments to U.S.A. ports were firm at 6c. to 6½c. per bushel wheat in U.S. funds to Lake Erie and Michigan ports and 4c. to Duluth-Superior until the end of the season when very heavy shipments were being made and a good number of the large ore-carriers came in for loads of grain. Rates rose to 7c. and later to 9c. per bushel wheat for spot unloading at Lower Lake ports and a large volume of grain for winter storage was carried at 8c., 8½c., 9c., 10c., 11c. per bushel wheat basis.

By the time all vessels were safely in winter berths the following amounts were afloat for unloading, thus completing a season only once before surpassed in total volume of grain carried.

Canadian ports wheat 11,714,035 bushels; barley, 1,148,340 bushels; flaxseed 193,934 bushels. U.S.A. ports wheat 20,432,655 bushels; oats, 641,774 bushels; barley, 1,560,860 bushels; rye 3,412,865 bushels; and flaxseed 1,660,070 bushels.

INLAND WATER FREIGHT RATES ACT

In accordance with the requirements of this Act, copies of charter confirmations for all lake shipments of grain loaded at Fort William-Port Arthur have been filed by the shippers. Statements of weighted averages of rates charged for each kind of grain carried to each group of ports monthly and for the season were prepared for the information of the Minister, the Board and others vitally concerned.

INSURANCE

A close check has been maintained throughout the season between the value of grain stored in Public, Semi-Public and Eastern elevators and the amounts of insurance reported as in effect and copies of policies filed have been scrutinized. A much closer check than usual was necessary following upward revisions of prices fixed by the Canadian Wheat Board.

The suspension of trading in wheat on the Winnipeg market rendered necessary a change in the wording of the market value clause and all licensees were requested to arrange for this. A few insurance companies preferred to rewrite the wording, issuing new policies, but most provided for the change by endorsement.

ANNUAL WEIGH-UP

Following annual and special weigh-ups of grain in store in Terminal and Eastern elevators, statements "A" showing the physical results have been prepared and submitted to the Board and calculations of excess or deficiency in the first four statutory and 1 C.W. and 2 C.W. Garnet grades of wheat made in the manner prescribed in sections 138 and 138(a) of the Canada Grain Act and submitted as statements "B" to the Board. One Eastern and 3 Semi-Public terminal elevator licensees were found to have excess overages due to the Crown. These were duly collected by the Board. Copies of the summary statements of results are appended.

Respectfully submitted,

E. A. URSELL,
Statistician.

CARRY-OVER OF CANADIAN WHEAT—31st JULY—IN BUSHELS

Position	1941	1942	1943
On Farms—Estimated.....	13,954,000	10,446,000	197,207,000
In Country, Private Terminal and Mill Elevators.....	224,424,158	139,818,882	232,136,411
In Public and Semi-Public Terminal Elevators.....	122,549,005	167,506,675	93,497,853
In Store and Afloat for Eastern Elevators.....	65,053,695	67,638,911	45,769,205
In Eastern Flour Mills.....	1,280,920	3,064,388	3,232,235
In Transit.....	21,076,023	16,421,935	14,580,000
In Store and in Transit in the United States.....	31,791,510	18,855,546	14,350,285
Total.....	480,129,311	423,752,337	600,772,939

CROPS OF 1942 AND DISPOSITION	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Carry-over, July 31, 1942.....	423,752,337	28,607,188	10,821,462	3,353,203	1,027,040
Production—All Canada*.....	556,134,000	651,954,000	259,156,000	24,742,000	14,992,000
Total available supply.....	979,886,337	680,561,188	269,977,462	28,095,203	16,019,040
Carry-over, July 31, 1943.....	600,772,989	148,723,977	68,024,813	15,267,755	3,964,813
Total disposed of.....	379,113,348	531,837,211	201,952,649	12,827,448	12,054,227

EXPORTS	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
1942-43 (unrevised).....	154,929,217	58,862,167	33,729,344	1,661,539	5,201,933
Wheatflour, Oatmeal, etc., equivalent to.....	56,588,469	995,544	.....	.....	.....
Total.....	211,517,686	59,857,711	.....	.....	.....
1941-42.....	176,081,138	2,653,048	2,057,931	5,431,698	841,463
Wheatflour, Oatmeal, etc., equivalent to.....	45,926,003	6,981,538	.....	.....	.....
Total.....	222,007,141	9,634,586	.....	.....	.....

* Third official estimate and provisional final revision of Wheat only.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1942, PRIMARY
MARKETINGS, INSPECTIONS AND DISTRIBUTION OF GRAIN DELIVERED
BY FARMERS, CROP YEAR 1942-43 (ENDED 31st JULY)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
Manitoba.....	53,650,000	70,000,000	74,000,000	3,600,000	2,000,000
Saskatchewan.....	304,400,000	255,000,000	92,000,000	15,000,000	10,500,000
Alberta.....	170,400,000	175,000,000	75,000,000	4,400,000	2,200,000
Total.....	528,450,000	500,000,000	241,000,000	23,000,000	14,700,000

(a) PRODUCTION—4th official estimate.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1942, PRIMARY
MARKETINGS, INSPECTIONS AND DISTRIBUTION OF GRAIN DELIVERED
BY FARMERS, CROP YEAR 1942-43 (ENDED 31st JULY)—*Concluded*

(b) PRIMARY MARKETINGS

AT COUNTRY ELEVATORS*

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
Manitoba.....	29,642,981	20,261,605	35,060,592	1,533,365	1,268,255
Saskatchewan.....	157,055,690	67,618,381	35,626,867	6,823,225	8,135,905
Alberta.....	77,406,853	30,721,857	12,205,381	1,295,097	1,734,123
Total.....	264,105,524	118,601,843	82,892,840	9,651,687	11,138,283

OVER PLATFORMS

Manitoba.....	177,219	270,702	1,177,450	11,599	6,085
Saskatchewan.....	97,899	157,526	94,827	16,308	27,984
Alberta.....	189,803	493,027	158,346	23,191	6,281
Total.....	464,921	921,255	1,430,623	51,098	40,350

AT INTERIOR TERMINAL ELEVATORS

Manitoba.....	.....	6,043	32,218	.....	.....
Saskatchewan.....	.....	10,056	33	.....	895
Alberta.....	12,029	16,909	1,865	.....	12,305
Total.....	12,029	33,008	34,116	.....	13,200

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	451,503	144,043	370,535	6,269	105,416
Saskatchewan.....	1,072,817	466,435	288,285	36,747	18,280
Alberta.....	1,166,629	392,938	89,298	13,605	35,678
Total.....	2,690,949	1,003,416	748,118	56,621	159,378

TRUCKED FROM FARMS ACROSS BORDER INTO U.S.A.

Manitoba.....	.....	74,267	401,139	10,327	.....
Saskatchewan.....	.....	4,607	9,801	.....	.....
Alberta.....	.....	.....	.....	.....	.....
Total.....	.....	78,874	410,940	10,327	.....

TOTAL MARKETED

Manitoba.....	30,271,703	20,756,660	37,041,934	1,561,560	1,379,756
Saskatchewan.....	158,226,406	68,257,005	36,019,813	6,876,280	8,183,064
Alberta.....	78,775,314	31,624,731	12,454,890	1,331,893	1,788,387
Total.....	267,273,423	120,638,396	85,516,637	9,769,733	11,351,207

(c) INSPECTIONS

Manitoba.....	15,854,000	18,742,000	33,580,500	879,600	1,210,900
Saskatchewan.....	107,627,300	54,758,000	27,971,950	3,983,000	7,251,100
Alberta and B.C.....	46,361,150	25,102,350	9,270,900	551,650	1,280,600
Total.....	169,842,450	98,602,350	70,823,350	5,414,250	9,742,600

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures.
country points in the Peace River Valley situate in British Columbia are included in Alberta figures;

(c) INSPECTIONS—These are compiled according to provinces in which the grain was grown.

* Subject to revision.

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	120,772,899	64,545,802	51,640,670	4,940,266	9,161,053
Shipments.....	192,319,832	59,642,988	44,166,014	2,283,859	8,108,462
<i>Vancouver-New Westminster—</i>					
Receipts.....	4,025,894	1,006,111	423,082	11,863	56,306
Shipments.....	3,577,618	995,342	461,491	27,233	56,864
<i>Victoria, B.C.—</i>					
Receipts.....	185,032				
Shipments.....	11,483	2,882			
<i>Prince Rupert, B.C.—</i>					
Receipts.....	171,778				
Shipments.....	168,000				
<i>Churchill, Man.....</i>			Nil		
<i>Semi-Public Terminals at—</i>					
<i>Kenora, Ont.—</i>					
Receipts.....	54,582				
Shipments.....	204,527	159			
<i>North Transcona, Man.—</i>					
Receipts.....	4,746	17,146	1,051,108		48
Shipments.....	155,054	19,178	938,321		49
<i>Edmonton, Alta—</i>					
Receipts.....	33,743	136,909	81,641	2,424	
Shipments.....	26,324	140,433	74,049	2,175	

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	392,912	49,616	8,594	3,333	57,098
Edmonton.....	939,888	95,900	33,782		
Lethbridge.....	12,480	68	135		13,016
Moose Jaw.....	1,683,941	50,244	21,560	1,696	24,220
Saskatoon.....	238,718	94,052	24,325		12,509
Total.....	3,267,939	289,880	88,396	5,029	106,843
<i>Shipments—</i>					
Calgary.....	638,338	54,045	24,529	3,270	57,097
Edmonton.....	548,178	97,567	47,945		
Lethbridge.....	314,673	322	135		12,794
Moose Jaw.....	3,590,976	54,106	21,560	1,696	15,091
Saskatoon.....	1,189,802	89,612	24,196		882
Total.....	6,281,967	295,652	118,365	4,966	85,864

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	302,907	964,820	7,834,006		314,467
Shipments.....	302,907	964,820	7,542,261		314,467

GRAIN COMMISSION

21

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed	Corn
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....	136,104,854	9,450,550	5,217,191	446,347	1,234,941	1,150,382
Shipments.....	158,277,720	8,888,537	5,279,450	543,501	1,214,482	1,023,112
—				Buckwheat	Mixed Grain	Soya Beans
				bush.	lbs.	bush.
Receipts.....				13,952	1,780,254	288,685
Shipments.....				24,196	8,805,588	242,493

UNITED STATES GRAIN

—	Wheat	Oats	Barley	Corn	Beans	Rice
	bush.	bush.	bush.	bush.	bush.	bush.
Receipts.....			1,657	6,784,153	14,684	190,272
Shipments.....	85,772		1,563	13,231,387	37,696	111,157

AUSTRALIAN WHEAT

Receipts.....	bush. 171,447
Shipments.....	171,447

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION (AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS)

—	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice
	bush.	bush.	bush.
Via Eastern Elevators.....	3,227,110	37,696	111,157
Fort William-Port Arthur.....	28,360		
Interior Private Terminals.....			
Pacific Coast Terminals.....	172,811		
Total.....	3,428,281	37,696	111,157

EXPORTS OF CANADIAN WHEAT

MONTHLY TOTALS INCLUDING WHEAT-FLOUR (IN TERMS OF WHEAT) AND U.S.A. IMPORTS DURING CROP YEAR 1942-43

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total all Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
						Con- sumption Duty-paid	Milling in Bond			
1942	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
August.....	193,900	9,037,247	.....	.....	1,780,254	170,342	.....	11,131,743	4,304,996	15,546,739
September.....	154,717	2,848,960	.....	.....	1,723,506	304,498	970,569	6,002,250	3,825,234	9,827,484
October.....	368,000	6,846,142	.....	.....	2,368,073	144,494	664,558	10,391,267	3,777,988	14,169,255
November.....	155,250	7,692,370	.....	.....	3,046,731	416,676	522,784	11,833,811	3,803,504	15,637,315
December.....	44,450	1,499,674	.....	.....	1,231,644	710,061	480,743	3,966,572	4,423,203	8,389,775
1943										
January.....	43,950	2,836,623	.....	.....	5,344,434	248,768	564,026	9,037,801	4,841,001	13,878,802
February.....	56,950	4,030,943	.....	.....	6,498,865	143,736	718,730	11,449,224	4,200,984	15,650,208
March.....	70,700	6,990,698	.....	.....	9,098,562	348,437	810,261	17,318,658	5,809,496	23,128,154
April.....	222,770	9,223,887	.....	.....	7,697,610	251,343	397,758	17,793,368	5,485,163	23,278,531
May.....	167,256	10,381,731	.....	.....	9,024,987	330,956	828,393	20,733,323	5,446,863	26,180,186
June.....	112,317	9,410,006	.....	.....	10,484,942	1,040,271	970,749	22,018,285	5,172,534	27,190,819
July.....	7,333	5,994,293	.....	.....	6,592,823	3,032,774	758,908	16,386,131	5,437,503	21,823,634
Total Crop Year 1942-43.....	1,597,593	76,792,574	.....	.....	64,892,431	7,142,356	7,687,479	158,112,433	56,588,469	214,700,902
Total Crop Year 1941-42.....	2,413,502	109,297,869	.....	.....	49,831,046	7,077,853	11,282,161	179,902,431	45,926,003	225,828,434
5-year average 1938-39 to 1942-43.....	11,583,783	91,417,424	537,875	89,913	48,406,291	3,715,055	9,128,595	164,878,936	40,009,890	204,888,826

* U.S.A. Official Figures. † Customs Returns.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1942-43

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	Bush.	Bush.	Bush.	Bush.
<i>Wheat</i> (All Varieties)—				
1 Man. Hard.....			79,909	79,909
1 Man. Northern.....	1,331,177	62,156,874	41,122,715	104,610,766
2 Man. Northern.....	265,083	13,932,370	21,825,490	36,022,943
3 Man. Northern.....			1,245,548	1,245,548
Dried.....		303		303
3 C.W. Garnet.....	1,333			1,333
Unspecified Spring Wheat.....			*324,000	324,000
1 C.W. Amber Durum.....		3,000		3,000
2 C.W. Amber Durum.....		385,351	264,667	650,018
3 C.W. Amber Durum.....		313,346	30,102	343,448
Sample C.W. Amber Durum.....		1,330		1,330
Total.....	1,597,593	76,792,574	64,892,431	143,282,598
<i>Oats</i> —				
2 C.W.....		316,228		316,228
3 C.W.....			69,769	69,769
Ex. 1 Feed.....		10,328		10,328
1 Feed.....		5,292	114,285	119,577
2 Feed.....		16,201		16,201
3 Feed.....		22,796		22,796
Mixed Feed.....		264		264
Tough Grades.....		12,659		12,659
Sample.....		2,971		2,971
Canadian Eastern.....		143,647		143,647
Unspecified Grades.....			*62,493	62,493
Total.....		530,386	246,547	776,933
<i>Barley</i> —				
2 C.W. Six-Row.....			119,970	119,970
3 C.W. Six-Row.....			163,940	163,940
2 Feed.....		583		583
3 Feed.....		1,071		1,071
Tough Grades.....		2,688		2,688
Others.....		708		708
Total.....		5,050	283,910	288,960
<i>Rye</i> —				
2 C.W.....		31,978		31,978
3 C.W.....		12,481		12,481
Tough Grades.....		7,494		7,494
Total.....		51,953		51,953
<i>Flaxseed</i> —				
1 C.W.....		491,881		491,881

*Regraded from Bonded Stocks to U.S.A. Domestic Standards before being exported.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1942-43—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	Bush.	Bush.	Bush.	Bush.	Bush.
Vancouver-New Westminster.....	1,429,593				
Prince Rupert.....	168,000				
Port Colborne.....				9,998	
Montreal.....	6,826,250	214,158	5,050	41,955	
Sorel.....	3,360,714				
Three Rivers.....	2,970,950				
Quebec.....	2,018,349				
St. John.....	3,602,373				
West St. John.....	30,794,350				245,893
Halifax.....	27,219,588	316,228			245,988
Total—Canadian Ports.....	78,390,167	530,386	5,050	51,953	491,881
New York.....	21,289,423	132,262			
Albany.....					
Baltimore.....	13,258,211				
Boston.....	6,889,558				
Philadelphia.....	9,108,064	114,285			
Portland.....	14,347,175				
Duluth.....			283,910		
Total—U.S.A. Ports.....	64,892,431	246,547	283,910		
Total to Overseas.....	143,282,598	776,933	288,960	51,953	491,881
Wheat Flour (4½ bush. per barrel).....	56,588,469				
Rolled Oats and Oatmeal.....		995,544			
U.S.A. Imports (1942-43).....	14,829,835	58,246,362	33,471,800	1,951,938	4,710,052
Imported as Oats Screenings at 34 lbs.....		3,304,173			
GRAND TOTAL.....	214,700,902	63,323,012	33,760,760	2,003,891	5,201,933

ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1943

SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Flaxseed		Sample Grain and Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.	lbs.
<i>Canadian Government—</i>												
Calgary, Alta.....	1,009-20				172-02							
Edmonton, Alta.....		2,613-00	23-28					9-38				
Lethbridge, Alta.....		631-10				4-14			155-05		7,511	
Moose Jaw, Sask.....		1,221-15	317-22						329-23			
Saskatoon, Sask.....	656-10								32-11		680	
Prince Rupert, B.C.....		507-00										
Totals.....	1,665-30	4,972-25	341-16		172-02	4-14		9-38	516-39		8,191	
Net Total—Surplus or Deficit.....		3,306-55	341-16		167-22			9-38	516-39		8,191	

ANNUAL WEIGH-UP, 1943

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1943, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Canadian Government—</i>												
Calgary, Alta.....	bush. 100-30	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton, Alta.....						53-00		1,053-55	444-05	218-15	62-50	
Lethbridge, Alta.....			9-55					783-50	5,003-45	264-00	14-30	
Moose Jaw, Sask.....								1,320-30		10-50		
Saskatoon, Sask.....	19-50			1-40				578-55	4,620-10	1,823-50		
Prince Rupert, B.C.....			71-40					1,231-30	254-50			
								407-35				

There is no excess due to the Crown from any of the above elevators.

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1943, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

GRAIN COMMISSION

27

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Consolidated Grain Co. Ltd. "Empire"	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Eastern Terminal Elevator Co. Ltd. "Richardson"		355-35	142-15				4-30	4,296-35	9,892-30	4,968-15	35-30	64-55
Federal Grain Ltd. "Bawlf"							2,794-20	20-35	1,166-20	347-30	366-30	8-10
" " "Stewart"			4-50				133-00	785-45	561-05	821-25		
Fort William Elevator Co. Ltd.								132-10		1,395-50		
Manitoba Pool Elevators Ltd.								4,627-20	5,816-20	2,413-20	160-20	16-40
"Terminal No. 1"								6,118-30	16,412-55	5,326-00		
"Terminal No. 2"								702-00	2,626-00	3,475-00		
"Terminal No. 3"							13-55	3,944-55	7,930-20	3,587-00	120-10	256-20
"Terminal No. 9"		624-20		1,151-35					3,879-25			
McCabe Bros. Grain Co. Ltd. "C"												
" " "Dominion Govt."												
National Grain Co. Ltd. "G.T.P."		5,345-00					21-40	5,757-10	11,144-30	5,585-45		9-50
Northern Terminals Ltd. "B & E"							325-20		11,332-15	6,067-05		
Northland Terminals Ltd. "D"							173-40					
Ogilvie Flour Mills Co. Ltd.		116-00					887-10	2,115-15	4,065-55	824-55	99-15	39-40
N. M. Paterson & Co. Ltd.							8-55	2,224-25	1,100-40	2,935-30		
Reliance Grain Co. Ltd.								731-15	4,492-40	398-25		
Saskatchewan Pool Terminals Ltd.												
"Terminal No. 4"		4,446-55							3,037-15	30,763-30		
"Terminal No. 5"		18,506-20	10,791-00						5,778-00		1-45	35
"Terminal No. 6"				7,082-10				3,954-40	8,054-00	6,210-45		19-35
"Terminal No. 7"				1,983-55	86-25			15,591-55	9,658-55			1,062-45
Searle Grain Co. Ltd.							35-40	33,367-20	34,957-10			561-40
Superior Elevator Co. Ltd.								137-25	1,812-25	19-20	1-00	
United Grain Growers Terminals Ltd.												
Western Grain Co. Ltd.		3,763-45						1,492-55	19,968-15	9,258-20	22-10	38-55
Federal Grain Ltd. "Bawlf"								7,171-25	732-35			586-45
" " "Stewart"								576-30	2,808-50	4,701-20		
National Grain Co. Ltd. "G.T.P."		7,466-50						873-40	3,516-50	1,012-20		
Ogilvie Flour Mills Co. Ltd.		3,077-55						2,944-25	23,692-20			
Reliance Grain Co. Ltd.								652-30	317-35			114-20
								4,525-00	702-20			

Excess due to the Crown was disclosed in the case of three of the above elevators—Canadian Consolidated Grain Co. Ltd. "Empire", Ogilvie Flour Mills Co. Ltd. and Saskatchewan Pool Terminals Ltd. "Terminal No. 5". There is no excess due to the Crown from any other of the above elevators.

ANNUAL WEIGH-UP, 1943

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1943, OF GRAIN IN STORE, IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL, NORTH TRANSCONA, EDMONTON AND KENORA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver-New Westminster—</i> <i>Midland Pacific Terminal Ltd.</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>United Grain Growers Terminals</i> <i>Ltd.</i>			511-20		9-50			3,052-40		352-00		82-30
<i>Victoria—</i> <i>Gillespie Grain Co. Ltd.</i>								1,553-00	2,628-55	50-20	102-30	231-10
<i>Churchill—</i> <i>National Harbours Board.</i>		168-10	468-20					632-05	1,220-40	190-20		
<i>North Transcona—</i> <i>Eastern Terminal Elevator Co.</i> <i>Ltd.</i>							9-10	149-40				
<i>Edmonton—</i> <i>Gillespie Grain Co. Ltd.</i>								-40	234-00	10-35		

THE ANNUAL WEIGH-UP OF THE GRAIN IN STORE IN THE FOLLOWING SEMI-PUBLIC TERMINAL ELEVATORS WAS POSTPONED UNDER AUTHORITY OF ORDER IN COUNCIL P.C. 5298 DATED THE 2ND OCTOBER, 1940

Vancouver-New Westminster—
Alberta Wheat Pool "Terminal No. 1"
Alberta Wheat Pool "Terminal No. 2"
Pacific Elevators Ltd.
James Richardson & Sons Ltd.
Searle Grain Co. Ltd.

Kenora—
Searle Grain Co. Ltd.

The excess of 168-10 bush. 1 Man. Northern and 468-20 bush. 2 Man. Northern wheat disclosed at Churchill belongs to the Crown. There is no excess due to the Crown from the other elevators.

GRAIN COMMISSION

29

ANNUAL WEIGH-UP, 1943

SUMMARY of Results of Calculations of OVERAGE or SHORTAGE in Western Canadian and Foreign Grown Grain as Revealed by the Annual Weigh-up, 1943, of Grain in Store in EASTERN ELEVATORS, and Arrived at in the Manner Prescribed in Section 138A Canada Grain Act, 1930, and Amendments Thereto.

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i>			
Collingwood Terminals Ltd.....	Western Canadian Wheat.....		3,384-45
	Western Canadian Oats.....		35-14
	U.S.A. Corn.....		7,246-48
<i>Depot Harbour—</i>			
Wm. H. Johnson, Jr. Ltd.....	Western Canadian Wheat.....		792-50
<i>Goderich—</i>			
Goderich Elevator & Transit Co. Ltd....	Western Canadian Wheat.....		5,267-45
	Western Canadian Oats.....		61-18
	Western Canadian Barley.....		437-34
	Western Canadian Rye.....		184-38
	Western Canadian Flaxseed.....		164-37
	Western Canadian Mixed Grain.....	5,450 lbs.	
	Western Canadian Screenings.....		16,602 lbs.
	U.S.A. Corn.....		1,494-43
Western Canada Flour Mills Co. Ltd.....	Western Canadian Wheat.....		2,548-20
	Western Canadian Oats.....		1,321-03
	Western Canadian Barley.....		343-10
<i>Humberstone—</i>			
Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		6,591-10
<i>*Kingston—</i>			
Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....	1,190-00	
	Western Canadian Barley.....		70-10
<i>Midland—</i>			
Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		3,189-50
	Western Canadian Oats.....		619-21
	U.S.A. Corn.....		1,483-41
Midland Simcoe Elevator Co. Ltd.....	Western Canadian Wheat.....		6,278-50
	Western Canadian Oats.....		216-08
	Western Canadian Barley.....		635-00
	U.S.A. Corn.....		938-25
<i>Owen Sound—</i>			
Great Lakes Elevator Co. Ltd.....	Western Canadian Wheat.....		1,266-05
	Western Canadian Oats.....		125-05
	Western Canadian Barley.....		846-00
	Western Canadian Mixed Grain.....		1,290 lbs.
	Western Canadian Samp. Grain.....		3,080 lbs.
	Western Canadian Screenings.....		1,976 lbs.
	U.S.A. Corn.....		495-32
<i>Port Colborne—</i>			
National Harbours Board.....	Western Canadian Wheat.....		377-50
	Western Canadian Oats.....	127-20	
	Western Canadian Barley.....	32-41	
	U.S.A. Corn.....		662-28
<i>Prescott—</i>			
National Harbours Board.....	Western Canadian Wheat.....		11,006-20
	Western Canadian Oats.....		50-11
	Western Canadian Barley.....	6-13	
	Western Canadian Corn.....		33-10
	Western Canadian Mixed Grain.....		308 lbs.
	Western Canadian Screenings.....		262 lbs.
	U.S.A. Corn.....		1,250-48
<i>Montreal—</i>			
National Harbours Board.....	Western Canadian Wheat.....		41,852-40
	Western Canadian Oats.....		109-03
	Western Canadian Barley.....	27-13	
	Western Canadian Rye.....		51-44
	Western Canadian Flaxseed.....		2-38
	Western Canadian Corn.....		2,191-44
	Western Canadian Screenings.....		3,476 lbs.
	U.S.A. Barley.....		95-10
	U.S.A. Corn.....		9,659-04

*An overage due to the Crown from the Kingston Elevator Co. Ltd. elevator, Kingston, was collected by the Board. There was no overage due to the Crown from other Eastern Elevators.

TRADE AND COMMERCE

ANNUAL WEIGH-UP, 1943—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Quebec—</i> National Harbours Board.....	Western Canadian Wheat.....		15,592-40
	Western Canadian Oats.....		185-23
	Western Canadian Barley.....		22-42
	Western Canadian Corn.....		21-00
	U.S.A. Corn.....		75-14
	Argentine Corn.....		-40
<i>Sorel—</i> North American Elevators Ltd.....	Western Canadian Wheat.....		2,902-50
	Western Canadian Oats.....		1-09
	Western Canadian Barley.....		2-04
	Western Canadian Screenings.....		87 lbs.

NOTE.—The official weigh-up of grain in store in the following elevators was postponed under authority of Order in Council P.C. 5298, dated October 2, 1940.

Robin Hood Flour Mills Ltd., Humberstone.
Canadian National Railways, Midland.
Canada Steamship Lines Ltd., Midland.
Jas. Richardson & Sons Ltd., Peterborough.
Maple Leaf Milling Co. Ltd., Port Colborne.
Canadian Pacific Railway Co. Ltd., Port McNicoll.
Sarnia Elevator Co. Ltd., Sarnia.

Toronto Elevators Ltd., Toronto.
Dominion Elevator Ltd., Montreal.
Three Rivers Grain & Elevator Co. Ltd., Three Rivers.
National Harbours Board, Halifax.
Canadian National Railways, St. John.
Canadian Pacific Railway Co. Ltd. "B", West St. John.
Canadian Pacific Railway Co. Ltd. (National Harbours Board Elevator), West St. John.

ANNUAL WEIGH-UP, 1943

SUMMARY of Results of Calculations of EXCESS or DEFICIENCY in the First Four Statutory and 1 C.W. and 2 C.W. Garnet Grades of WHEAT Handled at and in Store in PRIVATE TERMINAL Elevators in the Western Division, Arrived at in the Manner Prescribed in Section 138, Canada Grain Act, 1930, and Amendments Thereto.

	FORT WILLIAM		ST. BONIFACE	
	National Grain Co. Ltd. "D & S"		Red River Grain Co. Ltd.	
	Excess	Deficiency	Excess	Deficiency
	bush.	bush.	bush.	bush.
1 Man. Hard.....				630-30
1 Man. Nor.....				2,364-50
2 Man. Nor.....				9,569-05
3 Man. Nor.....		10-50		
1 C.W. Garnet.....				
2 C.W. Garnet.....				

No wheat of the above grades was handled or stored in the following elevators—
Canada Malting Co. Ltd., Calgary, Alta.
Canada Malting Co. Ltd., Winnipeg, Man.
Dominion Malting Co. Ltd., Transcona, Man.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 H. Sellers, representing the Millers.
- | | | |
|--------------------|---|---|
| George Bennett, | } | representing Grain Growers in Alberta. |
| W. H. Fairfield, | | |
| R. H. MacDonald, | | |
| B. S. Plumer, | | |
| A. F. Sproule, | } | representing Grain Growers in Saskatchewan. |
| Dr. L. E. Kirk, | | |
| J. Wellbelove, | | |
| W. Wright, | | |
| G. S. Canfield, | } | representing Grain Growers in Manitoba. |
| W. J. Parker, | | |
| Dr. J. H. Craigie, | | |
| J. Quick, | | |
- G. Constable, representing Grain Growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 N. Clair Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing Exporters of Grain.
- | | | |
|------------------|---|--|
| K. F. Wadsworth, | } | representing Millers of Wheat in the Eastern Division. |
| J. J. Page, | | |
| R. J. Scott, | } | representing Grain Growers in Ontario. |
| W. A. Amos, | | |
- Wm. Wallace, Additional—representing Growers of Corn.
 J. M. Vittie, Additional.
 G. E. McConney, Additional.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy (Chairman)	J. D. Russell	C. R. Manahan (Chairman)
Grant Hammond	J. Tranter	J. W. Allen
J. McMahon	J. A. Harris	W. H. Boyle
A. F. Moore	W. McLeod	A. Fraser
J. Murray	E. J. Munson	C. C. Gillies
S. C. Swanton	G. C. Arbuthnott	J. A. Kyle
C. J. Wells	A. Watson	L. T. Ingram
D. K. Mills	E. S. Munro (Secretary)	R. H. Settle
G. S. Turner	Vacant (Chairman)	F. J. Wolfe
S. Billinsky (Secretary)		John Blue (Secretary)

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit	P. J. Marples (Chairman)
C. H. Coatsworth	A. Chaplin
R. C. Pratt	T. B. Earle
N. H. Campbell	J. A. Byrne
C. W. Heimbecker	J. M. Vittie
L. S. Johnston	T. A. Climo
W. H. McCarthy	E. Lorne Tracey (Secretary)
G. E. McConney	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard (Secretary)	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1943

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	462	61	1	400
Calgary.....	Nil	Nil	Nil	Nil
Edmonton.....	115	16	1	98
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
Total.....	577	77	2	498

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., January 11, 1944.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1943:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	121,417,826-10	192,995,924-50
Oats.....	64,216,072-02	59,653,347-24
Barley.....	52,718,702-40	45,146,670-43
Flax.....	9,171,493-42	8,126,103-19
Rye.....	4,959,670-36	2,279,254-36
Mixed Grain.....	358,416-45	232,747-30
Corn.....	124,063-50	108,230-22
Buckwheat.....	1,692-24	1,692-24
<i>Vancouver—</i>		
Wheat.....	3,331,950-10	2,820,354-40
Oats.....	416,416-00	407,691-00
Barley.....	165,606-33	159,372-04
Flax.....	3,919-38	4,451-32
Rye.....	8,552-32	7,642-48
Mixed Grain.....	39,553-30	78,973-10
Corn.....	8,783-22	8,783-22
Beans.....	990-40	990-40
<i>Calgary—</i>		
Wheat.....	392,912-10	640,605-50
Oats.....	49,614-24	54,592-27
Barley.....	37,601-26	24,528-32
Flax.....	28,193-44	57,029-29
Rye.....	3,333-20	3,270-25
Mixed Grain.....	695-00	749-40
<i>Edmonton—</i>		
Wheat.....	938,281-20	545,909-40
Oats.....	96,745-08	97,555-20
Barley.....	32,937-44	47,945 30
<i>Lethbridge—</i>		
Wheat.....	12,480-20	314,404-10
Oats.....	67-33	322-13
Barley.....	408-03	134-38
Flax.....	12,742-50	12,474-54
<i>Moose Jaw—</i>		
Wheat.....	1,682,346-00	3,591,315-10
Oats.....	50,243-28	53,615- 0
Barley.....	21,560-10	21,560-10
Flax.....	23,120-22	15,090-34
Rye.....	1,695-44	1,695-44
<i>Prince Rupert—</i>		
Wheat.....	171,778-00	168,000-00

	Bushels Registered	Bushels Registered for Cancellation
<i>Saskatoon—</i>		
Wheat.....	238,718-20	1,189,802-40
Oats.....	94,052-32	89,453-03
Barley.....	24,438-11	24,196-12
Flax.....	12,509-24	822-48
Mixed Grain.....	187-20	
<i>Total—</i>		
Wheat.....	128,186,292-10	202,266,317-00
Oats.....	64,923,255-10	60,356,578-15
Barley.....	53,001,252-11	45,424,408-25
Flax.....	9,251,976-24	8,215,972-48
Rye.....	4,973,250-20	2,291,863-51
Mixed Grain.....	398,851-35	312,480-30
Corn.....	132,846-16	117,014-08
Buckwheat.....	1,692-24	1,692-24
Beans.....	990-40	990-40

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	219,972,615-30	241,314,511-50
Oats.....	9,735,606-12	9,199,173-08
Barley.....	5,214,574-40	5,352,261-02
Flax.....	1,244,031-24	1,237,081-48
Rye.....	459,032-18	556,001-18
Mixed Grain.....	35,800-08	149,894-00
Corn.....	9,434,277-28	15,348,646-38
Screenings.....	270,595-16	235,544-08
Rice.....	190,272-40	112,157-00
Buckwheat.....	13,953-42	24,158-12
Beans.....	253,829-57	280,189-00
Peas.....	46,076-50	44,917-10

Yours respectfully,

W. T. TODD,
Registrar.

APPENDIX No. 5

REPORT OF CHIEF INSPECTOR OF GRAIN

WINNIPEG, MAN., December 16, 1943.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour of submitting herewith my Annual Report covering car and cargo inspections in the Western Division; also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1943.

The yield of all grains for the crop of 1942 was low, but the grain produced was of high grade and good quality and in many respects similar to that of the previous crop.

The total number of cars inspected in the Western Division for the year 1942-43 was 191,205 as against 213,922 for the previous year, a decrease of 22,717 cars.

Yours truly,

F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1942 to July 31, 1943, are made up as follows:—

	Cars	Percentages
Wheat.....	100,025	52.313
Oats.....	42,685	22.324
Barley.....	37,833	19.787
Flax.....	6,959	3.639
Rye.....	3,157	1.651
Mixed Grain.....	198	0.104
Corn.....	179	0.094
Buckwheat.....	1	.....
Screenings.....	168	0.088
Total.....	191,205	100.000

The grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of total Inspections
1 Manitoba Hard.....				
1 Manitoba Northern.....	12,514	12.901		
2 Manitoba Northern.....	32,210	33.206		
3 Manitoba Northern.....	26,448	27.266		
4 Manitoba Northern.....	6,249	6.442		
No. 4 Special.....	5	0.005		
No. 5.....	8,810	9.083		
No. 6.....	1,367	1.409		
Feed.....	261	0.269		
Sample.....	76	0.078		
Smutty.....	206	0.213		
Tough.....	6,904	7.118		
Damp.....	1,584	1.633		
Rejected.....	366	0.377		
Total Red Spring Wheats.....	97,000	100.000	97,000	96.976
1 Garnet.....	3	3.614		
2 Garnet.....	21	25.301		
3 Garnet.....	29	34.940		
Smutty Garnet.....	1	1.205		
Tough Garnet.....	27	32.530		
Damp Garnet.....				
Rejected Garnet.....	2	2.410		
Total Garnet Wheats.....	83	100.000	83	0.083
1 Amber Durum.....	11	0.457		
2 Amber Durum.....	795	33.001		
3 Amber Durum.....	827	34.330		
4 Amber Durum.....	186	7.721		
5 Amber Durum.....	5	0.207		
6 Amber Durum.....	1	0.042		
Smutty Amber Durum.....	12	0.498		
Tough Amber Durum.....	452	18.763		
Damp Amber Durum.....	32	1.328		
Rejected Amber Durum.....	78	3.238		
Sample Amber Durum Broken.....	10	0.415		
Total Amber Durum Wheats.....	2,409	100.000	2,409	2.408
3 White Spring.....	2	100.00	2	0.002
Total White Spring Wheat.....	2	100.00	2	0.002
1 Mixed Wheat.....	11	25.00		
3 Mixed Wheat.....	4	9.091		
5 Mixed Wheat.....	13	29.545		
Tough Mixed Wheat.....	9	20.455		
Damp Mixed Wheat.....	4	9.091		
Smutty Mixed Wheat.....	2	4.545		
Rejected Mixed Wheat.....	1	2.273		
Total Mixed Wheat.....	44	100.000	44	0.044
1 Alberta Red Winter.....	268	55.031		
2 Alberta Winter.....	137	28.131		
3 Alberta Winter.....	38	7.803		
Tough Alberta Winter.....	5	1.027		
Smutty Alberta Winter.....	35	7.187		
Rejected Alberta Winter.....	4	0.821		
Total Alberta Winter Wheat.....	487	100.000	487	0.487
TOTAL ALL WHEATS.....	100,025		100,025	100.000

The grades of Oats are as follows:—

	Cars	Percentages
1 Canada Western.....	1	0.002
2 Canada Western.....	4,715	11.046
Extra 3 Canada Western.....	5,162	12.093
3 Canada Western.....	9,855	23.088
Extra 1 Feed.....	9,113	21.350
1 Feed.....	8,302	19.450
2 Feed.....	1,407	3.296
3 Feed.....	147	0.344
Mixed Feed.....	7	0.016
Rejected.....	33	0.077
Sample.....	3	0.007
Tough.....	3,702	8.673
Damp.....	238	0.558
Total.....	42,685	100.000

The grades of Barley are as follows:—

	Cars	Percentages
2 Canada Western Six-Row.....	3,255	8.604
3 Canada Western Six-Row.....	12,847	33.957
1 Canada Western Two-Row.....	4	0.011
2 Canada Western Two-Row.....	738	1.950
1 Feed.....	7,959	21.037
2 Feed.....	5,126	13.549
3 Feed.....	1,013	2.678
Rejected.....	69	0.182
Sample.....	6	0.016
Tough.....	6,408	16.938
Damp.....	408	1.078
Total.....	37,833	100.000

The grades of Flax are as follows:—

	Cars	Percentage
1 Canada Western.....	6,027	86.607
2 Canada Western.....	537	7.717
3 Canada Western.....	111	1.595
4 Canada Western.....	6	0.086
Sample.....	11	0.158
Tough.....	262	3.765
Damp.....	5	0.072
Total.....	6,959	100.000

The grades of Rye are as follows:—

	Cars	Percentages
2 Canada Western.....	419	13.272
3 Canada Western.....	1,437	45.518
4 Canada Western.....	39	1.235
Ergotry Rye.....	484	15.331
Rejected.....	14	0.444
Tough.....	732	23.187
Damp.....	30	0.950
Sample.....	2	0.063
Total.....	3,157	100.000

The grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	13	6.566
No. 2.....	8	4.041
No. 3.....	141	71.212
Sample.....	1	0.505
Tough.....	32	16.161
Rejected.....	3	1.515
Total.....	198	100.000

The grades of Corn are as follows:—

	Cars	Percentages
No. 3 Canada Western Yellow.....	1	0.559
No. 4 Canada Western Yellow.....	2	1.117
No. 5 Canada Western Yellow.....	10	5.587
Tough.....	9	5.028
Damp.....	2	1.117
Moist.....	23	12.849
Wet.....	21	11.732
Sample.....	111	62.011
Total.....	179	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING THE CROP YEAR AUGUST 1, 1942 TO JULY 31, 1943

	Cars	Percentages
Winnipeg.....	161,885	84.666
Calgary.....	7,576	3.962
Moose Jaw.....	4,667	2.441
Saskatoon.....	4,773	2.496
Medicine Hat.....	3,821	1.998
Lethbridge.....	13	0.007
Vancouver.....	204	0.107
Edmonton.....	8,266	4.323
Total.....	191,205	100.000

SUMMARY OF CARS REINSPECTED 1942-1943

	Winnipeg		Calgary	
Cars Inspected.....	161,885		7,576	
Cars Reinspected.....	27,420	16.93%	758	10%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	14,195	51.77	477	62.93
Grades Raised.....	8,774	32.00	121	15.96
Grades Lowered.....	384	1.40	8	1.06
Dockage Raised.....	302	1.10	22	2.90
Dockage Lowered.....	3,765	13.73	130	17.15
Total.....	27,420	100.00	758	100.00

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	8,266		4,773	
Cars Reinspected.....	1,443	17.45%	303	6.35%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	1,016	70.41	280	92.41
Grades Raised.....	200	13.86	22	7.26
Grades Lowered.....	8	0.56	1	0.33
Dockage Raised.....	211	14.62		
Dockage Lowered.....	8	0.55		
Total.....	1,443	100.00	303	100.00

	Moose Jaw		Medicine Hat	
Cars Inspected.....	4,667		3,821	
Cars Reinspected.....	375	8.03%	96	2.51%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	300	80.00	84	87.50
Grades Raised.....	73	19.47	8	8.34
Grades Lowered.....	1	0.27	1	1.04
Dockage Raised.....			1	1.04
Dockage Lowered.....	1	0.26	2	2.08
Total.....	375	100.00	96	100.00

	Lethbridge		Vancouver	
Cars Inspected.....	13		204	
Cars Reinspected.....			7	3.43%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....			7	100.00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			7	100.00

	The Pas	Churchill
Cars Inspected.....	Nil	Nil

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....		191,205	
Total Cars Reinspected.....		30,402	15.90%
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	16,359	53.80	8.56
Grades Raised.....	9,198	30.26	4.81
Grades Lowered.....	403	1.33	0.21
Dockage Raised.....	536	1.76	0.28
Dockage Lowered.....	3,906	12.85	2.04
Total.....	30,402	100.00	15.90

TRADE AND COMMERCE
SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as Graded.....	400	86.58	99	86.09	499	86.43
Grades Raised.....	61	13.20	16	13.91	77	13.35
Grades Lowered.....	1	0.22			1	0.17
Dockage Raised.....						
Dockage Lowered.....						
Total.....	462	100.00	115	100.00	577	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total Inspections.....	191,205	100.00
Total Appeals.....	577	0.30
Total Grades Changed.....	78	0.04

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1942 TO JULY 31, 1943

	Ft. William and Port Arthur	Vancouver and New Westminster	Victoria	Churchill	Prince Rupert
	bush.				
Wheat.....	171,326,044	1,360,943			168,000
Oats.....	36,303,619				
Barley.....	32,396,954				
Flaxseed.....	5,488,626				
Rye.....	1,590,319				
Mixed Grain.....	1,997,840 lbs.				
Screenings.....	10,944,730 lbs.				

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1942 TO JULY 31, 1943
EX PUBLIC, SEMI-PUBLIC AND PRIVATE ELEVATORS

	Winnipeg	Calgary	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Edmonton	Fort William and Pt. Arthur	Total
Wheat.....	332	377	1,953	680	165	765	312	12,349	16,933
Oats.....	1,114	87	262	155	.....	173	166	10,218	12,175
Barley.....	2,055	359	34	19	.....	92	80	6,782	9,421
Flax.....	17	37	23	.....	3	3	.....	1,510	1,593
Rye.....	6	2	1	.....	.....	4	.....	388	401
Corn.....	.....	.....	.....	.....	.....	.....	.....	9	9
Mixed Grain.....	.....	.....	.....	.....	.....	.....	.....	49	49
Mixed Feed Oats, Groats.....	.....	.....	.....	.....	.....	.....	.....	38	38
Screenings.....	.....	.....	.....	.....	.....	.....	.....	3,316	3,316
Total.....	3,524	862	2,273	854	168	1,037	558	34,659	43,935

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1942 TO JULY 31, 1943

Cargoes—

Grain Grown in Eastern Division—

At Toronto—	Bushels	Bushels
Soybeans, Tough No. 1 Can. Yellow.....	85,997-00	
Corn, No. 1 C.E. Yellow.....	19,385-00	
		105,382-00

Car Loads—

Grain Grown in Eastern Division—

	Cars	Cars
At Montreal.....	7	
At Toronto.....	1,077	
At Chatham.....	1,238	
		2,322

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1942 TO JULY 31, 1943

	Bushels	Bushels
Western Grain.....	80,393,012	
Eastern Grain.....	245,698	
Australian Grain.....	367,894	
United States Grain.....	4,283,485	
		85,290,089
At Montreal.....	13,252,967	
At St. John.....	34,631,024	
At Halifax.....	29,204,530	
At Kingston.....	8,000	
At Sorel.....	3,210,730	
At Three Rivers.....	2,940,950	
At Quebec.....	1,986,888	
At Toronto.....	55,000	
		85,290,089

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1942 TO JULY 31, 1943

	Montreal	Toronto	Chatham
Western Grain.....	221	17	37
Eastern Grain.....	102	—	—
Miscellaneous Grain.....	31	12	—
	354	29	37

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		28		28
No. 2 C.E. White Winter.....		2		2
No. 1 C.E. Red Winter.....		8	6	14
No. 3 C.E. Red Winter.....		1		1
No. 1 C.E. Mixed Winter.....		241	23	264
No. 2 C.E. Mixed Winter.....		21	15	36
No. 3 C.E. Mixed Winter.....		1	3	4
No. 4 C.E. Mixed Winter.....		6	1	7
No. 5 C.E. Mixed Winter.....		1		1
Tough.....		481	227	708
Damp.....		3	6	9
Smutty.....		4		4
Sample.....		32		32
<i>Oats—</i>				
No. 2 C.E. White.....			1	1
No. 3 C.E.....		2	1	3
No. 4 C.E.....	4	2	1	7
Tough.....	1		1	2
<i>Barley—</i>				
No. 3 C.E. 6 Row.....		3		3
<i>Corn—</i>				
No. 1 C.E. Yellow.....		25	39	64
No. 2 C.E. Yellow.....		15	24	39
No. 3 C.E. Yellow.....		36	27	63
No. 4 C.E. Yellow.....		3	4	7
No. 5 C.E. Yellow.....			1	1
Tough.....		26	133	159
Damp.....	1	12	104	117
Moist.....		36	178	214
Wet.....		34	55	89
Sample.....		14	2	16
<i>Pea Beans—</i>				
No. 1 C.E.....			148	148
No. 2 C.E.....			31	31
No. 3 C.E.....			10	10
No. 4 C.E.....			1	1
Tough.....	1		57	58
Damp.....			12	12
Sample.....		1		1
<i>Soybeans—</i>				
No. 1 Can. Yellow.....		1	13	14
No. 2 Can. Yellow.....			4	4
Tough.....		19	68	87
Damp.....		11	33	44
Moist.....		3	3	6
<i>White Peas—</i>				
No. 2 C.E.....			2	2
<i>Buckwheat—</i>				
Tough.....		1	1	2
Damp.....		2	3	5
<i>Flax—</i>				
No. 1 C.E.....		2		2
Total.....	7	1,077	1,238	2,322

APPENDIX No. 6

REPORT OF CHIEF WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year 1942-1943.

This Branch supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal elevators licensed by the Board in the Western Division for the purpose of weighing all grains received into and out of these elevators as required under Sections 91 and 123 of the Act; also at plants licensed by the Board as Mill Elevators for the weighing of grain discharged from such Mill Elevators as required under Section 99 Part 2 of the Act.

In the Eastern Division weighmen are stationed at the following points: Midland, Owen Sound, Goderich, Toronto and Sarnia. These men are paid on a fees basis for the purpose of weighing car- and truck-lot shipments for domestic use ex elevators located in their respective districts.

At all elevators licensed by the Board where weighing services have been supplied, the equipment used for receiving, shipping and weighing grain has been maintained in good condition under the supervision of officers of this Branch.

Under my authority as Inspector of Weights and Measures for Terminal elevator scales, the annual inspection of scales in the following elevators in the Western Division has been carried out in accordance with the Weights and Measures Act and Regulations, 1929, Paragraph 212, Section 50, and for which certificates of verification were issued: All scales in elevators licensed at Port Arthur and Fort William; Canadian Government Interior Elevators; National Harbours Board Elevator, Port Churchill; and those elevators loading to tide water at the Pacific Coast.

The semi-annual inspection of scales in these elevators was also conducted to ensure the continued accuracy of the scales; also special inspections of various scales were made whenever found necessary. The Assistant Chief Weighmaster W. H. Comba, has devoted a considerable amount of his time checking all scales in licensed elevators where weighing services are supplied. Mr. P. J. Marples of Montreal conducted the annual inspection of scales in all Eastern elevators as required by the Weights and Measures Act.

During the year it was necessary to engage additional temporary help owing to the volume of extra work that was involved in handling grain to and from the temporary storage structures situated at the Lakehead, and auditing of stocks of grain in Terminal and Eastern elevators, the stocks in these elevators being very large throughout the year.

Very few complaints were received during the crop year on the outturn of cars unloaded at Terminal elevators. Complaints received were thoroughly investigated, and in the majority of cases it was found that the cars had been previously reported leaking, and in other cases, where the investigation warranted it, adjustments were made.

Reported outturns on vessels loaded at Port Arthur and Fort William during the crop year varied according to ports or elevators at which cargoes were unloaded. Some unloading elevators consistently showed good outturns while at others the reported outturns were not so good. Some complaints were received on vessels loaded ex Lakehead and unloaded at Eastern ports. These were thoroughly investigated at the loading elevators and no errors were brought to light whereby the loading elevator could be held responsible for the shortages, which cargoes were weighed under supervision of the Board's weighman. There were 1,165 cargoes loaded at the Lakehead during the crop year.

There was received during the crop year complaints from the United Kingdom on the outturn of some cargoes on vessels that were loaded at St. Lawrence and Atlantic ports. The weighing and loading of these vessels were thoroughly investigated and reports submitted to the Board.

The grain in store in all Public Terminals, Semi-Public Terminals, and the four top grades of wheat and the top two grades of Garnet wheat in Private Terminals situated in the Western Division, was weighed over during the crop year wherever possible, and in other cases was estimated as required under Order in Council P.C. 5298. All grain in elevators operating in the Eastern Division was weighed over during the year as required under the Act wherever possible, and in other cases estimated. The stocks of grain in store in elevators in the Eastern and Western Division were exceedingly large.

Statements of the correct quantities of the various grades in store in each of the above elevators that were weighed over were prepared by this Branch and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Elevators, and the establishment of overages in Terminal elevators and Eastern elevators in accordance with the Provisions of Sections 138 and 138a of the Canada Grain Act.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1943.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	123,553,154-00	445,062-10	150,798-00	124,149,014-10
Oats.....	65,215,727-22	147,211-16	19,279-14	65,382,218-18
Barley.....	52,324,579-22	92,233-06	3,788-26	52,420,601-06
Rye.....	5,065,373-04	12,957-42		5,078,330-46
Flax.....	11,059,135-49	4,546-46		11,063,682-39
Canadian Corn.....	22,494-47	21,665-30		44,160-21
Canadian Corn (ex vessel).....	20,421-34			20,421-34
Buckwheat.....	1,692-24			1,692-24
U.S.A. Corn (ex vessel).....	29,893-02	26,931-46		56,824-48
Mixed Grain.....	14,768,760 lbs.	2,254,950 lbs.		17,023,710 lbs.
Speltz.....	92,600 lbs.			92,600 lbs.
All Screenings.....	14,331,955 lbs.	7,936,240 lbs.		22,268,195 lbs.
Mixed Feed Oats Groats.....		65,000 lbs.		65,000 lbs.

FORT WILLIAM—PORT ARTHUR—*Concluded*

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	171,326,044-10	21,193,040-10	150,566-40	440,584-00	193,110,235-00
Oats.....	36,303,619-06	23,339,566-32	19,279-24	140,908-02	59,803,373-30
Barley.....	32,396,954-21	11,769,109-27	3,788-26	92,292-34	44,262,145-12
Rye.....	1,590,319-01	693,574-04	.....	8,625-18	2,292,518-23
Flaxseed.....	5,669,144-16	2,679,405-39	.....	5,082-09	8,353,632-08
Canadian Corn.....	.....	29,507-22	.....	21,694-46	51,202-12
U.S.A. Corn.....	.....	28,360-22	.....	23,463-52	56,824-18
Buckwheat.....	.....	1,692-24	.....	.....	1,692-24
Mixed Grain.....	1,997,840 lbs.	7,233,530 lbs.	.....	2,167,580 lbs.	11,398,950 lbs.
Mixed Feed Oats	.....	2,070,000 lbs.	.....	65,100 lbs.	2,135,100 lbs.
Groats.....	.....	.....	.....	6,585,430 lbs.	224,294,190 lbs.
All Screenings.....	10,944,730 lbs.	206,764,030 lbs.	.....	.....	.....

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1942-1943
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster	5,099,023-50	1,144,454-19	502,894-08	16,340-10	61,312-08	51,637-28	6,657,490
Victoria.....	190,562-00	.....	.....	.....	.....	.....	.....
Prince Rupert.....	171,821-20	.....	.....	.....	.....	.....	.....
Churchill.....	.....	.....	.....	.....	.....	.....	.....
Calgary.....	400,065-50	50,011-26	8,731-02	3,383-02	66,461-34	.....	34,750
Edmonton.....	964,441-50	96,866-16	34,243-16	.....	.....	.....	.....
Lethbridge.....	16,144-20	67-33	161-12	.....	16,013-24	.....	.....
Moose Jaw.....	1,710,614-20	50,420-10	21,659-38	1,722-38	31,191-34	.....	.....
Saskatoon.....	245,434-20	97,388-28	24,872-44	.....	14,476-14	.....	9,380
North Transcona—Eastern Terminal.	4,953-20	17,244-09	1,063,128-16	.....	47-42	.....	336,840
Kenora—Searle Terminal.....	55,408-30	.....	.....	.....	.....	.....	.....
Edmonton, U.G.G.	34,701-00	137,900-20	82,627-24	2,559-26	.....	203-52	126,550

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster	4,686,571-20	1,178,906-03	551,518-16	31,501-26	60,793-12	86,905-28	12,228,740
Victoria.....	11,483-50	2,882-12	.....	.....	.....	.....	.....
Prince Rupert.....	168,000-00	.....	.....	.....	.....	.....	.....
Churchill.....	.....	.....	.....	.....	.....	.....	120,000
Calgary.....	638,337-30	54,045-05	24,528-32	3,270-25	57,914-31	.....	768,130
Edmonton.....	548,178-00	97,567-12	47,945-20	.....	.....	.....	1,000,590
Lethbridge.....	314,673-00	322-13	134-38	.....	12,934-26	.....	166,960
Moose Jaw.....	3,592,790-05	54,105-30	21,560-10	1,695-44	15,411-24	.....	1,731,785
Saskatoon.....	1,189,802-40	91,850-10	24,196-12	.....	882-48	.....	1,223,165
North Transcona—Eastern Terminal.	155,160-00	19,178-08	938,862-24	.....	49-01	203-32	710,450
Kenora—Searle.....	205,077-10	158-28	.....	.....	.....	.....	.....
Edmonton, U.G.G.	26,324-00	140,433-28	74,048-46	2,175-10	.....	.....	186,230

GRAIN COMMISSION

47

GROSS HANDLINGS OF ALL FOREIGN GRAINS DURING THE CROP YEAR 1942-1943
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	U.S.A. Corn
	bush.
Vancouver and New Westminster.....	170,731-14

SHIPMENTS

Vancouver and New Westminster.....	174,381-04
------------------------------------	------------

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR 1942-1943

Kenora.....	172
Keewatin.....	7,548
Winnipeg.....	17,437
Churchill.....	-
Saskatoon.....	5,277
Moose Jaw.....	4,655
Calgary.....	4,516
Edmonton.....	512
Medicine Hat.....	4,095
Lethbridge.....	8
Total.....	44,220

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1942-1943

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	6,401	706	70
Elevators, excluding Lakehead.....	2,001	127	41
Total.....	8,402	833	111

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	5,252	261	39
Elevators, excluding Lakehead.....	887	32	19
Total.....	6,139	293	58
Total both roads.....	14,541	1,126	169

TRADE AND COMMERCE

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	2,440	753
C.N.R. Yards.....	1,080	394
Total.....	3,520	1,147

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	130,851,899-30	Short 27·53
Oats.....	7,789,531-09	Short 31·56
Barley.....	6,191,198-00	Short 33·76
Rye.....	269,519-14	Short 44·50
Flaxseed.....	736,598-52	Short 14·44
Screenings.....	822-0700 tons	Short 8·2 lbs. per ton

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	40,071,196-20	Short 22·89
Oats.....	28,514,087-31	Short 22·40
Barley.....	26,247,378-05	Short 40·46
Rye.....	1,320,799-43	Short 19·50
Flax.....	4,932,545-20	Short 50·59
Screenings.....	4,650-0030 tons	

GRAND TOTALS—GRAIN SHIPPED

Grain	Bushels	Pounds per 1,000 nushels
Wheat.....	170,923,095-50	Short 26·44
Oats.....	36,303,619-06	Short 24·36
Barley.....	32,438,576-05	Short 40·13
Rye.....	1,590,319-01	Short 23·74
Flaxseed.....	5,669,144-16	Short 45·89
Screenings.....	5,472-0730 tons	Short 1·20

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT., December 31, 1943.

The Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the year 1943.

ELEVATORS OPERATED

The interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C. were all operated during the entire year under Public Terminal Elevator licences.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continues to be operated by McCabe Bros. Grain Co. Ltd., under lease which expires in 1944.

TARIFF OF CHARGES

The tariff of charges for handling, storing, cleaning and drying of grain was the same as that in effect during the previous season.

VOLUME OF GRAIN HANDLED

Receipts of grain during the crop year ended July 31, 1943, were higher than in the previous year but shipments were also greater, so that the amount carried in store during the year was somewhat lower, about thirteen million bushels compared with sixteen million bushels in 1941-42.

The following comparative statement shows the receipts at each elevator during the last two crop years:—

Elevator	1941-42	1942-43	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	448,618	1,781,660	.....	1,333,042
Saskatoon.....	571,322	369,456	201,866	.....
Calgary.....	732,196	512,125	220,071	.....
Edmonton.....	614,027	1,065,584	.....	451,557
Lethbridge.....	285,889	25,632	260,257	.....
Prince Rupert.....	.....	171,777	.....	171,777
	2,652,052	3,926,234	682,194	1,956,376

Between July 31 and December 31, 1943, there was a heavy movement of flaxseed into Moose Jaw and Saskatoon elevators, viz., 1,500,000 bushels and 500,000 bushels, respectively, and Saskatoon also received during the same period 317,000 pounds of sunflower seed to be dried and cleaned.

Shipments from all elevators during the crop year 1942-43 amounted to 3,915,000 bushels, an increase of 2,670,000 bushels over the previous year.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

The buildings, machinery and trackage at all elevators have been maintained in good condition, expenditures for this purpose being included in operating costs.

A contract has been entered into for the repairing of the dock and replacing the gallery supports at Prince Rupert and this work will be proceeded with as soon as the necessary material is made available.

Major repairs and replacements made during the year include the following items:—

BUILDINGS, ETC.

<i>Port Arthur</i> —	Repairs to dock and basement floor.
<i>Edmonton</i> —	Storage bins repaired, new roof over outside bins, entire concrete structure painted.

EQUIPMENT

<i>Port Arthur</i> —	2 Leg Bolts replaced.
<i>Moose Jaw</i> —	2 Drier Boilers retubed.
<i>Saskatoon</i> —	1 Motor Truck.
<i>Edmonton</i> —	1—10 H.P. Motor and Starter.

The following trackage replacements were made during the year:—

<i>Port Arthur</i> —	150 Treated Ties. 224 Tie Plates.
<i>Moose Jaw</i> —	1,000 Treated Ties. 2,000 Tie Plates.
<i>Saskatoon</i> —	1,011 Treated Ties. 32 Switch Ties. 2,500 Tie Plates. 3,000 ft. Light Steel Rail and Frog replaced with 80 lb. steel and 8½ lb. frog.
<i>Calgary</i> —	500 Treated Ties.
<i>Edmonton</i> —	500 Treated Ties.
<i>Lethbridge</i> —	1,000 Tie Plates.

STAFFS

Staffs at all points were maintained at the minimum of requirements. Two permanent and three temporary employees resigned during the year and two temporary employees were granted leave of absence for military service. To fill these and other vacancies previously created the following temporary appointments were made—

One Superintendent, one Accountant, four Clerk-Stenographers, one Millwright and one Watchman.

FINANCIAL RESULTS OF OPERATION

For the fiscal year ended March 31, 1943, gross earnings amounted to \$1,090,903.16 and expenditures \$307,724.97, leaving a surplus of \$783,178.19, a decrease of \$42,811.24 from the figure of the previous year.

This is more than accounted for by the reduction in storage earnings on account of the smaller volume of grain carried in store during the year.

As in former years, no provision is made in the financial statements to cover depreciation of plants and equipment, but all maintenance expenditures are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN., December 31, 1943.

Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1943.

Owing to the small delivery quota in force during the early part of the current crop year, and the fact that both new and old wheat could be delivered, the laboratory had difficulty in obtaining fully representative samples of grades of the new wheat crop, and was not able to give as complete a report as usual to the Meeting of the Western Committee on Grain Standards (October 19, 1943). However, samples of durum wheat, barley, and flax, were more readily available, and adequate reports on the quality of these crops were prepared. Bulletins on the quality of the 1943 crops of bread and durum wheats, flax, and malting barley, and on the protein content of bread wheat, were printed and distributed in the late fall. In most areas the growing season was not far from average, and the quality of each crop was therefore close to the long-time average for Western Canada.

As in previous years, assistance was given to the Inspection Branch in the preparation of tentative standard samples and tentative export standard samples of bread and durum wheats. Supervision of moisture tests in all offices of the Inspection Branch was continued; and several minor investigations were also undertaken at the request of the Chief Inspector.

As a war measure the laboratory continued to carry the major portion of the long-time program of the Associate Committee on Grain Research. Large numbers of tests relating to the quality of new varieties of bread wheat, durum wheat, and malting barley, were made for Canadian plant breeders. The laboratory co-operated with other Government departments, institutions, and committees, by undertaking routine analytical work on several projects, and by constructing and repairing apparatus and equipment. A large number of technical enquiries were answered by letter, and others were dealt with by telephone and in personal interviews.

Research investigations have been continued as time—not required for increased routine studies—was available. In the baking section, Mr. Aitken collaborated with Dr. B. N. Smallman in studies of the susceptibility of army ration-type biscuits to insect infestation, and of the effect of certain contact insecticides on wheat quality. The damage to baking quality caused by the Indian meal moth was also examined. In the analytical section, Mr. W. J. Eva collaborated with the writer in completing the publication of the protein survey data collected during the 12-year period 1927 to 1938, and undertook the examination of the starch content of Canadian wheat in order that this information might be made available to the fermentation industries. Three papers were published on micro tests of durum wheats, and Mr. W. O. S. Meredith has since devoted his main attention to the development of more satisfactory micro tests for macaroni-making quality. The durum laboratory also collaborated in studies of moisture gradients in stored wheat. In the barley laboratory it was necessary to devote most of the year to routine studies, but

a number of special malts, made from oats and other seeds, were prepared at the request of the National Research Council for studies of the production of glycol by fermentation of wheat. Although a number of investigations of oil seeds were made during the year, the major portion of the work on these crops, especially on sunflower seeds and rapeseed, was undertaken by Dr. R. K. Larmour of the Department of Chemistry, and Dr. H. R. Sallans of the Oil Seeds Laboratory, at the University of Saskatchewan.

In the 1942 report it was said that the laboratory was further behind with the preparation and publication of scientific papers than with any other phase of its work. It is a pleasure to report that, with the co-operation of the staff, this situation has been corrected by the publication during 1943 of the following thirteen scientific papers:—

- ANDERSON, J. A., and EVA, W. J. Variations in the protein content of Western Canadian wheat 1927-1938. A study based on twelve annual protein surveys. Grain Research Laboratory, Board of Grain Commissioners for Canada. Bulletin 4, 1943.
- ANDERSON, J. A., and EVA, W. J. The protein content of corresponding grades of wheat drawn from the northern and southern portions of Western Canada. *Can. J. Research, C*, 21:276-288. 1943.
- EVA, W. J., LEVI, I. and ANDERSON, J. A. Starch content of Western Canadian wheat. *Can. J. Research, C*, 21:173-179. 1943.
- ANDERSON, J. A., and EVA, W. J. Starch content of Western Canadian wheat II. Its estimation from protein content and some estimated data. *Can. J. Research, C*, 21:323-331. 1943.
- EVA, W. J., and LEVI, I. A note on the chemical composition of Manitoba shelled corn 1941 crop. *Sci. Agr.* 23:362-364. 1943.
- AITKEN, T. R., and ANDERSON, J. A. Testing the baking strength of gluten concentrates. *Cereal Chem.* 20:79-81. 1943.
- AITKEN, T. R. A note on the damage to wheat caused by the Indian meal moth. *Cereal Chem.* 20:700-703. 1943.
- CUNNINGHAM, R. L., and ANDERSON, J. A. Micro tests of alimentary pastes. I. Apparatus and methods. *Cereal Chem.* 20:171-185. 1943.
- CUNNINGHAM, R. L., and ANDERSON, J. A. Micro tests of alimentary pastes. II. Effects of processing conditions on paste properties. *Cereal Chem.* 20:482-506. 1943.
- ANDERSON, J. A., and CUNNINGHAM, R. L. Micro tests of alimentary pastes. III. The differential response of varieties to processing methods. *Can. J. Research, C*, 21:265-275. 1943.
- ANDERSON, J. A., MEREDITH, W. O. S., and SALLANS, H. R. Malting quality of Canadian barley. IV. Summary of information of interest to plant breeders. *Sci. Agr.* 23:297-314. 1943.
- ANDERSON, J. A., and MARTIN, V. G. Probe for sampling deep grain bins. Grain Research Laboratory, Board of Grain Commissioners for Canada, Bulletin 3. 1943.
- ANDERSON, J. A., BABBITT, J. D., and MEREDITH, W. O. S. The effect of temperature differential on the moisture content of stored wheat. *Can. J. Research, C*, 21:297-306. 1943.

During the course of the year there has been a considerable turnover in staff; but as this was confined entirely to junior members, the staff situation can be considered more satisfactory than in the two preceding years. All new assistants hired during the year were girls. It should be added that the twelve girls now on the staff are all doing excellent work.

A detailed report on the work of the Grain Research Laboratory has been prepared. In accordance with past practice, it is recommended that this report be published separately, with the object of putting on record data on the quality of the more important Canadian grain crops, and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR THE FISCAL
YEAR ENDING MARCH 31, 1943

(a) WINNIPEG—

Revenue—

Licence Fees.....	\$	30,660 00	
Registration Fees.....	\$	10,107 93	
Cancellation Fees.....		10,641 24	
			20,749 17
Inspection Fees.....		154,819 80	
Samples Sold.....		5,948 93	
Cargo Certificate Splits.....		170 20	
Sampling Fees.....		787 30	
Refund Express.....		1,158 50	
Sundries.....		845 00	
			163,729 73
Appeal Fees.....			1,185 00
Weighing Fees.....		18,303 96	
Condition Reports.....		163 50	
			18,467 46
			\$ 234,791 36

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	10,166 88
Licensing and Bonding.....	11,480 19

Rents—

Executive Office.....	3,236 80
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	4,228 16
-----------------------	----------

General Expenses—

Grain Commission.....	2,711 23
Licensing and Bonding.....	691 67

Printing and Stationery—

Grain Commission.....	1,271 03
Licensing and Bonding.....	1,140 78

Assistant Commissioner's Office—

Salaries.....	8,365 41
Rent.....	543 12
Travelling Expenses.....	696 89
General Expenses.....	174 83

82,381 43

Grain Research Laboratory—

Salaries.....	34,241 63
Rent.....	8,040 20
Travelling Expenses.....	498 07
General Expenses.....	7,162 09
Printing and Stationery.....	1,909 29

51,851 28

Registration Branch—

Salaries.....	13,860 00
Rent.....	1,381 44
General Expenses.....	341 80
Printing and Stationery.....	104 19

15,687 43

Accounts—

Salaries.....	7,719 18
General Expenses.....	152 64
Printing and Stationery.....	309 32

8,181 14

Inspection Branch—

Salaries.....	255,186 95
Rent.....	15,848 60
Travelling Expenses.....	2,353 68
General Expenses.....	12,266 79
Printing and Stationery.....	5,537 18

291,193 20

Weighing Branch—

Salaries.....	33,014 86
Rent.....	1,359 08
Travelling Expenses.....	152 45
General Expenses.....	384 49

34,910 88

STATEMENT OF THE REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1943—Continued

(a) WINNIPEG—Concluded

Expenditure—Con.

Grain Appeal Tribunal—

Salaries.....	\$	4,380 00	
Rent.....		369 12	
General Expenses.....		876 84	
			\$ 5,625 96

Grain Standards Committee—

Travelling Expenses.....		1,344 65	
General Expenses.....		1,580 00	
			2,924 65

\$ 492,755 96

(b) CHURCHILL—

Expenditure—

Inspection Branch—

Salaries.....			
Travelling Expenses.....		490 90	

Weighing Branch—

Salaries.....			
Travelling Expenses.....		737 60	

1,228 50

(c) KEEWATIN—

Revenue—

Weighing Fees.....			7,337 00
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Expenditure—

Salaries—Inspection Branch.....		3,059 09	
---------------------------------	--	----------	--

Salaries—Weighing Branch.....	4,920 00		
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General Expenses.....	50 00		
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4,970 00

8,029 09

(d) SASKATOON—

Revenue—

Inspection Fees.....	5,148 77		
----------------------	----------	--	--

Samples Sold.....	242 80		
-------------------	--------	--	--

Sundries.....	3 00		
---------------	------	--	--

5,394 57

Weighing Fees.....		6,526 54	
--------------------	--	----------	--

11,921 11

Expenditure—

Assistant Commissioner's Office—

Salaries.....	9,315 00		
---------------	----------	--	--

Travelling Expenses.....	495 75		
--------------------------	--------	--	--

General Expenses.....	74 26		
-----------------------	-------	--	--

\$ 9,885 01

Inspection Branch—

Salaries.....	11,747 57		
---------------	-----------	--	--

Rent.....	877 00		
-----------	--------	--	--

Travelling Expenses.....			
--------------------------	--	--	--

General Expenses.....	495 23		
-----------------------	--------	--	--

Printing and Stationery.....	185 71		
------------------------------	--------	--	--

13,305 51

Weighing Branch—

Salaries.....	10,724 08		
---------------	-----------	--	--

General Expenses.....	10 43		
-----------------------	-------	--	--

10,734 51

33,925 03

(e) MOOSE JAW—

Revenue—

Inspection Fees.....	5,933 58		
----------------------	----------	--	--

Samples Sold.....	169 59		
-------------------	--------	--	--

Sundries.....	11 00		
---------------	-------	--	--

6,114 17

Weighing Fees.....		6,637 95	
--------------------	--	----------	--

12,752 12

Expenditure—

Inspection Branch—

Salaries.....	11,786 93		
---------------	-----------	--	--

Rent.....	900 00		
-----------	--------	--	--

General Expenses.....	720 76		
-----------------------	--------	--	--

Printing and Stationery.....	86 43		
------------------------------	-------	--	--

13,494 12

Weighing Branch—

Salaries.....	7,788 24		
---------------	----------	--	--

General Expenses.....	8 00		
-----------------------	------	--	--

7,796 24

21,290 36

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1943—Continued

(f) MEDICINE HAT—			
<i>Revenue—</i>			
Inspection Fees.....	\$ 2,945 00		
Samples Sold.....	177 15		
		\$ 3,122 15	
Weighing Fees.....		4,332 43	
			\$ 7,454 58
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....	4,984 95		
Rent.....	240 00		
General Expenses.....	168 28		
Printing and Stationery.....	51 66		
		5,444 89	
Weighing Branch—			
Salaries.....	4,800 14		
General Expenses.....	4 00		
Travelling Expenses.....	52 35		
		4,856 49	
			10,301 38
(g) LETHBRIDGE—			
<i>Revenue—</i>			
Inspection Fees.....	481 33		
Samples Sold.....	33 56		
Sundries.....	151 50		
		666 39	
Weighing Fees.....		429 23	
			1,095 62
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....	4,409 09		
General Expenses.....	26 65		
		4,435 74	
Weighing Branch—			
Salaries.....	4,275 00		
General Expenses.....	12 00		
		4,287 00	
			8,722 74
(h) CALGARY—			
<i>Revenue—</i>			
Inspection Fees.....	9,347 18		
Samples Sold.....	369 44		
Refund Express.....	19 75		
Sundries.....	319 00		
		10,055 37	
Weighing Fees.....		7,174 86	
			17,230 23
<i>Expenditure—</i>			
Assistant Commissioner's Office—			
Salaries.....	9,300 00		
Rent.....	828 00		
Travelling Expenses.....	339 48		
General Expenses.....	232 78		
Printing and Stationery.....	4 84		
		10,705 10	
Inspection Branch—			
Salaries.....	32,009 63		
Rent.....	3,002 00		
Travelling Expenses.....	386 82		
General Expenses.....	1,589 71		
Printing and Stationery.....	154 70		
		37,142 86	
Weighing Branch—			
Salaries.....	19,840 30		
Rent.....	314 04		
Travelling Expenses.....	340 63		
General Expenses.....	184 38		
		20,679 35	
Grain Appeal Tribunal—			
Salaries.....	1,456 66		
Rent.....	420 00		
General Expenses.....	77 00		
		1,953 66	
			70,480 97

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1943—*Continued*

(i) PRINCE RUPERT—

Revenue—

Inspection Fees.....	\$	168 00	
Weighing Fees.....		255 00	

Expenditure—

Inspection Branch—			
Travelling Expenses.....		494 50	
Weighing Branch—			
Salaries.....	\$	1,935 00	
Travelling Expenses.....		617 50	
General Expenses.....		10 00	
		2,562 50	

423 00

3,057 00

(j) EDMONTON—

Revenue—

Inspection Fees.....	11,201 96		
Samples Sold.....	320 91		
Refund Express.....	13 25		
Sundries.....	157 50		
		11,693 62	
Weighing Fees.....		1,827 06	
Appeal Fees.....		306 00	

13,826 68

Expenditure—

Inspection Branch—			
Salaries.....	39,531 91		
Rent.....	3,834 00		
Travelling Expenses.....	182 09		
General Expenses.....	1,316 85		
Printing and Stationery.....	228 41		
		45,093 26	
Weighing Branch—			
Salaries.....	7,500 00		
Travelling Expenses.....	193 27		
General Expenses.....	67 41		
		7,760 68	
Grain Appeal Tribunal—			
Salaries.....	4,800 96		
Rent.....	510 00		
General Expenses.....	309 54		
Printing and Stationery.....	1 24		
		5,621 74	

58,475 68

(k) VANCOUVER—

Revenue—

Inspection Fees.....	4,221 20		
Samples Sold.....	142 22		
Sampling Fees.....	2 00		
Sundries.....	3 00		
		4,368 42	
Weighing Fees.....		7,948 69	
Registration Fees.....	161 38		
Cancellation Fees.....	190 00		
		351 38	

12,668 49

Expenditure—

Inspection Branch—			
Salaries.....	53,605 64		
Rent.....	4,239 00		
General Expenses.....	1,415 41		
Printing and Stationery.....	228 43		
		59,488 48	
Weighing Branch—			
Salaries.....	57,479 95		
Rent.....	1,659 00		
Travelling Expenses.....	12 00		
General Expenses.....	629 84		
Printing and Stationery.....	2 62		
		59,783 41	
Registration Branch—			
Salaries.....	4,487 64		
Rent.....	1,092 00		
General Expenses.....	155 35		
Printing and Stationery.....	3 80		
		5,738 79	

125,010 68

GRAIN COMMISSION

57

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1943—Continued

(1) FORT WILLIAM—

Revenue—

Inspection Fees.....	\$ 257,283 95	
Samples Sold.....	7,090 54	
Cargo Certificate Splits.....	3 40	
	<hr/>	
Weighing Fees.....	\$ 264,377 89	
	398,079 78	
	<hr/>	\$ 662,457 67

Expenditure—

Inspection Branch—

Salaries.....	348,384 00	
Rent.....	12,176 88	
Travelling Expenses.....	2,561 93	
General Expenses.....	7,613 81	
Printing and Stationery.....	3,521 19	
	<hr/>	374,257 81

Weighing Branch—

Salaries.....	248,943 37	
Rent.....	2,851 68	
Travelling Expenses.....	9,626 67	
General Expenses.....	3,094 62	
Printing and Stationery.....	3,432 11	
	<hr/>	267,948 45

Assistant Commissioner's Office—

Salaries.....	8,411 25	
Rent.....	540 00	
Travelling Expenses.....	120 00	
General Expenses.....	199 90	
Printing and Stationery.....	10 52	
	<hr/>	9,281 67

Statistical Branch—

Salaries.....	38,947 82	
Rent.....	3,285 00	
Travelling Expenses.....	92 35	
General Expenses.....	2,082 33	
Printing and Stationery.....	1,435 04	
	<hr/>	45,842 54

697,330 47

(m) TORONTO—

Revenue—

Inspection Fees.....	1,334 01	
Sampling Fees.....	35 00	
Samples Sold.....	32 59	
Cargo Certificate Splits.....	9 30	
	<hr/>	1,410 90

Expenditure—

Inspection Branch—

Salaries.....	5,115 00	
Rent.....	540 00	
General Expenses.....	302 60	
	<hr/>	5,957 60

(n) MONTREAL—

Revenue—

Inspection Fees.....	182 35	
Sampling Fees.....	1,091 00	
Samples Sold.....	99 56	
Cargo Certificate Splits.....	657 80	
	<hr/>	2,030 71
Registration Fees.....	2,706 44	
Cancellation Fees.....	2,732 71	
	<hr/>	5,439 15
Weighing Fees.....	192 00	
	<hr/>	7,661 86

Expenditure—

Inspection Branch—

Salaries.....	33,221 74	
Rent.....	1,940 04	
Travelling Expenses.....	4,037 17	
General Expenses.....	811 18	
Printing and Stationery.....	133 57	
	<hr/>	40,143 70

Weighing Branch—

Salaries.....	2,090 73	
Rent.....	480 00	
Travelling Expenses.....	207 30	
General Expenses.....	196 18	
Printing and Stationery.....	29 00	
	<hr/>	3,003 21

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1943—*Concluded*

(n) MONTREAL—*Concluded**Expenditure—Con.*

Registration Branch—

Salaries.....	\$ 6,182 10	
Rents.....	420 00	
General Expenses.....	303 08	
Printing and Stationery.....	282 37	
	<u>\$</u>	7,187 55

\$ 50,334 46

(o) CHATHAM—

Revenue—

Inspection Fees.....	1,462 88	
Samples Sold.....	108 55	
Sampling Fees.....	2,839 03	

4,410 46

Expenditure—

Inspection Branch—

Salaries.....	6,796 23	
Rent.....	420 00	
Travelling Expenses.....	4,190 81	
General Expenses.....	403 10	
Printing and Stationery.....	60 86	

11,871 00

(p) VICTORIA—

Revenue—

Inspection Fees.....	741 06	
Samples Sold.....	9 11	
	<u>750 17</u>	
Weighing Fees.....	810 06	

1,560 23

Expenditure—

Inspection Branch—

Salaries.....	2,954 64	
General Expenses.....	4 50	
Travelling Expenses.....	92 95	
	<u>3,052 09</u>	

Weighing Branch—

Salaries.....	2,460 00	
Travelling Expenses.....	398 21	
	<u>2,858 21</u>	

5,910 30

(q) KENORA—

Revenue—

Weighing Fees.....		469 52
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Expenditure—

Weighing—Salaries.....		469 52
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SUMMARY OF OPERATION BY BRANCHES

REVENUE

—	Inspections	Weighing	Appeal- Boards	Registra- tion	Commis- sion	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fees.....	455,271 07	460,324 08	1,491 00	26,539 70	30,660 00					974,285 85
Sampling.....	4,754 33									4,754 33
Express Charges.....	1,191 50									1,191 50
Cargo Splits.....	840 70									840 70
Samples Sold.....	14,744 95									14,744 95
Condition Reports.....		163 50								163 50
Sundries.....	1,490 00									1,490 00
	478,292 55	460,487 58	1,491 00	26,539 70	30,660 00					997,470 83

GRAIN COMMISSION

EXPENDITURE

Salaries.....	812,793 37	406,241 19	10,637 62	24,529 74	93,658 73	38,947 82	7,719 18	34,241 63		1,428,769 28
Rents.....	44,017 52	6,663 80	1,299 12	2,893 44	6,202 36	3,285 00		8,040 20		72,401 44
Travel.....	14,790 85	12,337 98			5,880 28	92 35		498 07	1,344 65	34,944 18
Expenses.....	27,134 87	4,651 35	1,263 38	800 23	4,084 67	2,082 33	152 64	7,162 09	1,580 00	48,911 56
Printing and Stationery.....	10,188 14	3,463 73	1 24	390 36	2,427 17	1,435 04	309 32	1,909 29		20,124 29
	908,924 75	433,358 05	13,201 36	28,613 77	112,253 21	45,842 54	8,181 14	51,851 28	2,924 65	1,605,150 75

Net Deficit..... \$607,679.92

GRAIN COMMISSION

61

EXPENDITURE

Winnipeg.....	291,193 20	34,910 88	5,625 96	15,687 43	82,381 43	.....	8,181 14	51,851 28	2,924 65	492,755 97
Churchill.....	490 90	737 60	.....	.....	.....	.....	.....	.....	.....	1,228 50
Keewatin.....	3,059 09	4,970 00	.....	.....	.....	.....	.....	.....	.....	8,029 09
Saskatoon.....	13,305 51	10,734 51	.....	.....	9,885 01	.....	.....	.....	.....	33,925 03
Moose Jaw.....	13,494 12	7,796 24	.....	.....	.....	.....	.....	.....	.....	21,290 36
Medicine Hat.....	5,444 89	4,856 49	.....	.....	.....	.....	.....	.....	.....	10,301 38
Lethbridge.....	4,435 74	4,287 00	.....	.....	.....	.....	.....	.....	.....	8,722 74
Calgary.....	37,142 86	20,679 35	1,953 66	.....	10,705 10	.....	.....	.....	.....	70,480 97
Edmonton.....	45,093 26	7,760 68	5,621 74	.....	.....	.....	.....	.....	.....	58,475 68
Vancouver.....	59,488 48	59,783 41	.....	5,738 79	.....	.....	.....	.....	.....	125,010 68
Fort William.....	374,257 81	267,948 45	.....	.....	9,281 67	45,842 54	.....	.....	.....	697,330 47
Toronto.....	5,957 60	.....	.....	.....	.....	.....	.....	.....	.....	5,957 60
Montreal.....	40,143 70	3,003 21	.....	7,187 55	.....	.....	.....	.....	.....	50,334 46
Chatham.....	11,871 00	.....	.....	.....	.....	.....	.....	.....	.....	11,871 00
Victoria.....	3,052 09	2,858 21	.....	.....	.....	.....	.....	.....	.....	5,910 30
Prince Rupert.....	494 50	2,562 50	.....	.....	.....	.....	.....	.....	.....	3,057 00
Kenora.....	.....	469 52	.....	.....	.....	.....	.....	.....	.....	469 52
	908,924 75	433,358 05	13,201 36	28,613 77	112,253 21	45,842 54	8,181 14	51,851 28	2,924 65	1,605,150 75

Total Expenditure.....\$ 1,605,150 75

Total Revenue.....997,470 83

Net Deficit.....\$ 607,679 92

APPENDIX No. 10

REGULATIONS OF THE BOARD

During the year 1943 four new regulations (Nos. 56, 57, 58 and 59) were made; Regulation No. 37 was revised and Regulations Nos. 22, 38, 43 and 48 were amended.

The Regulations of the Board in effect at 31st December, 1943, are as follows:—

- No. 1—Registration and Cancellation of Terminal Warehouse Receipts.
 - 4—Inspection of Samples taken other than at an Inspection Point.
 - 11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
 - 14—Construction of Elevators.
 - 21—Cleaning Grain and Bins.
 - 22—Fees.
 - 23—Form of Terminal Warehouse Receipt.
- 35—Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
- 36—Delivery of Grain to Ocean Vessels at Montreal.
- 37—Maximum Tariff of Charges and Shrinkage Allowance for Licensed Country Elevators.
- 38—Maximum Tariff of Charges—Terminal Elevators at Fort William-Port Arthur and Winnipeg.
- 39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
- 40—Maximum Tariff of Charges—Terminal Elevators West of Calgary.
- 41—Maximum Tariff of Charges at the Terminal Elevator at Churchill, Manitoba.
- 42—Maximum Tariff of Charges for handling Grain at Eastern Elevators.
- 43—Procedure—Country Elevators.
- 44—Drying of Grain.
- 45—Records, Reports and Returns.
- 46—Receipt for Grain delivered to Private Country Elevators and Mill Elevators.
- 47—Inspection of Grain at The Pas, Manitoba.
- 48—Names and Definitions of "Off Grades" for Western Grain.
- 49—Names and Definitions of "Off Grades" for Eastern Grain.
- 50—Names and Definitions of Grades for Screenings.
- 51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.
- 52—Binning of Tough Wheat with Straight Grade Wheat.
- 53—Enforcement of Lien by Sale of Grain.
- 54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
- 55—Delivery of Grain to Ocean Vessels at West St. John, New Brunswick.
- 56—Inspection of Grain, Lethbridge and Coutts, Alberta.
- 57—Delivery of Grain to Ocean Vessels at East St. John, New Brunswick.
- 58—Delivery of Grain to Ocean Vessels at Halifax, Nova Scotia.
- 59—Maximum Tariff of Charges for handling Sunflower Seed at Licensed Elevators.

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56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

HON. JAMES A. MacKINNON, M.P.

Acting Deputy Minister

OLIVER MASTER

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1944



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1945

Price, 25 cents.



CA1 DA 12
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

HON. JAMES A. MacKINNON, M.P.

Acting Deputy Minister
OLIVER MASTER

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1944



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Car Supply.....	6
Stored Grain Pests Investigation.....	6
Shipment of Grain to United States of America.....	6
Canadian Government Elevators.....	7
Audit of Stocks in Terminal and Eastern Elevators.....	7
Elevator Charges.....	8
Lake Freight Rates.....	8
War Risk Insurance on Grain.....	8
Assistant Commissioners.....	8
Committees on Grain Standards.....	9
Wheat Bonus.....	9
The Prairie Farm Assistance Act, 1939.....	9
Expenditure and Revenue.....	9
APPENDICES:	
No. 1—Report of Secretary.....	10
(a) Complaints.....	10
(b) Prosecutions.....	11
(c) Defaults.....	11
(d) Cars out of turn.....	11
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	11
(f) Report of Warehouseman.....	11
(g) Summary of Licences for Twenty Years.....	14
(h) Grain-loading Platforms.....	15
(i) Prairie Farm Assistance Act—One Percent Levy.....	15
(j) Statistics.....	15
(k) Annual Weigh-over—Terminal Elevators.....	24
No. 2—Personnel—Committees on Grain Standards.....	30
3—Personnel—Grain Appeal Tribunals.....	31
4—Report of Registrar.....	32
5—Report of Chief Grain Inspector.....	34
6—Report of Chief Grain Weighmaster.....	43
7—Report of General Manager, Canadian Government Elevators.....	47
8—Report of Chief Chemist.....	50
9—Report of Revenue and Expenditure.....	52
10—Regulations of the Board.....	61

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 27, 1945;

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1944, in compliance with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions generally throughout Canada in 1944 were excellent, resulting in increased yields per acre in all grains. The estimates of acreage sown show an increase for wheat and reductions in oats, barley and flax.

The estimated acreage sown to wheat showed a very marked increase from 16,850,000 acres in 1943 to 23,284,200 acres in 1944. The estimated yield in 1944 was 453,240,000 compared with 284,800,000 in 1943.

The estimated acreage sown to oats in 1944 was 14,315,000 compared with 15,406,000 in 1943. The total estimated yield in 1944 was 521,954,000 compared with 482,022,000 in 1943.

The estimated acreage sown to barley in 1944 was 7,290,700 compared with 8,396,800 in 1943. The total estimated yield in 1944 was 199,149,000 compared with 215,562,000 in 1943.

Flaxseed acreage in 1944 was less than half the acreage in 1943—1,323,100 acres compared with 2,947,800 acres, although as the average yield per acre was higher, there was not quite the same difference in total estimated yield—9,668,000 in 1944 compared with 17,911,000 in 1943.

While the acreage sown to rapeseed in Manitoba and Saskatchewan increased from 3,222 acres yielding 2,843,900 pounds in 1943 to 10,800 acres yielding 6,120,000 pounds in 1944, the acreage sown to sunflower seed decreased from 29,000 acres yielding 18,600,000 pounds in 1943 to 17,300 acres yielding 8,500,000 pounds in 1944.

As at July 31st, 1944 the total carry-over in Canada of wheat, oats, barley and rye and flaxseed amounted to 498 millions as compared with 810 millions in 1943 but with the bounteous crops harvested in 1944, the storage situation would have remained a very serious problem had not the shipment from the Head of the Lakes attained the record total of 465 millions for the 1944 navigation season. While substantial quantities of grain are still carried in farm storage, the main problem is one of lack of transportation and labour. As at 29th of December, 1944 there was 97 million bushels available storage capacity at the Head of the Lakes.

CAR SUPPLY

At the beginning of the present crop year commencing 1st of August, 1944 the Canadian Wheat Board discontinued its control of car distributions to country points and since that date the distribution of cars has been governed by the provisions of the Canada Grain Act as set forth in the sections relating to the car order book.

On the whole the distribution has functioned very satisfactorily, the railway companies co-operating to the fullest extent in providing additional cars at congested points. In Saskatchewan at a number of sidings where railway agents are not maintained by the railway company, on the direction of the Board the railway companies have appointed custodians of a car order book in accordance with the provisions of Section 76 of the Canada Grain Act.

In August, 1944, some doubt having arisen as to the interpretation of certain sections of the Canada Grain Act dealing with the car order book, the Board referred the matter to the Department of Justice which ruled that the Canada Grain Act did not give the right to an applicant for a railway car in which to ship grain, to transfer his right to the car to the purchaser of the grain if it was sold to the latter before the car was supplied. In order to enable the grower to dispose of his grain more conveniently and to facilitate an equitable distribution of railway cars between country elevators at the same point, this right was established by Order in Council P.C. 7594 dated October 3rd, 1944 under the provisions of the War Measures Act.

The demand for cars out of turn during 1944 was much less than in 1943, only 1,084 cars being authorized by the Board as compared with 2,109 in 1943.

STORED GRAIN PESTS INVESTIGATION

The Board's Entomologist, under the direction of the Dominion Division of Entomology, has continued to advise the grain trade regarding insect infestations in stored grain and to assist in the control of such infestations. During the year the grain trade submitted 2,000 samples for examination. Direct assistance with control measures was afforded to the trade in many instances. The validity of applications for cars out of turn on account of infestation was checked by the Board's Entomologist. The Board issued one circular pertaining to insect infestation of stored grain, and a bulletin, two circulars and a broadcast, regarding control measures in farm-stored grain, were directed to farmers.

The large movement of grain during the year has reduced the incidence of infestation, as compared to last year. Where severe infestations have developed, grain in store for three or four years in off-site storage buildings has usually been involved. In the Bay-port elevators recommended control measures have been applied increasingly and it has been demonstrated that where these measures are used, the elevators are essentially free of infestation.

Practical tests have established the effectiveness of a fumigant that is cheaper, easier to handle and safer than most grain fumigants. Practical and laboratory tests with a number of new insecticides have given promising results for the control of stored grain pests.

SHIPMENT OF GRAIN TO THE UNITED STATES OF AMERICA

For a period of two months from February 7, 1944 to April 6, 1944, to facilitate the shipment of Western Canadian Wheat to the United States of America direct from country points south of Winnipeg, the Board, by an order dated February 7, 1944, authorized the railway companies to ship, or accept for shipment, carloads of Western Canadian Wheat from such points to the United States of America via Emerson or Gretna, although such wheat had not been inspected and graded under the provisions of the Canada Grain Act.

Shippers of the wheat were required to submit to the Chief Grain Inspector, Winnipeg, for grading, a representative sample taken at the time of loading.

In the last report of the Board reference was made to provision having been made for the sampling and inspection of grain at Lethbridge and Coutts, Alberta. During the past year, from January to July, 4,339 carloads of grain shipped direct to the United States of America were sampled and inspected at Lethbridge and Coutts, Alberta.

CANADIAN GOVERNMENT ELEVATORS

While the storage space in the Canadian Government Elevators operated by the Board was not in quite such demand as in the previous year, these elevators had a very satisfactory handling with a good turn-over of a large proportion of the stocks. At December 31, 1944 the total stocks in these elevators were $9\frac{3}{4}$ million bushels as compared with $13\frac{1}{4}$ million bushels a year ago. The Moose Jaw Elevator has operated 20 hours per day for most of the year, cleaning large quantities of flax stored for the Canadian Wheat Board. The difficulties associated with cleaning flax carrying heavy dockage were very well illustrated by the results of the handlings at Saskatoon Elevator where the cleaning of 565,858 bushels showed an appreciable shrinkage and loss to the elevator, offset to a certain extent by overages in screenings and other grains.

Extensive repairs to the deck of the wharf and the supporting towers of the shipping gallery at the Prince Rupert Elevator were completed in November.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

Owing to the unusually heavy receipts and shipments at the semi-public terminal elevators at the Head of the Lakes during 1944, it was only possible to audit the stocks in sixteen (16) of these elevators. No excess, as defined in Section 138 of the Canada Grain Act, was disclosed at these audits. It is anticipated that the stocks in the remaining ten (10) elevators will be audited before the opening of navigation in April, 1945.

The stocks in store at the Canadian Government Public Terminal Elevators at Saskatoon, Edmonton, Calgary, Lethbridge and Prince Rupert were audited during the year 1944. Overages in excess of $\frac{1}{4}$ of 1 per cent were disclosed in the Calgary Elevator and settlement therefor in the amount of \$383.53 was made to the Board under the provisions of Section 138 of the Canada Grain Act. Owing to the large amount of flax in store for cleaning at the Moose Jaw Canadian Government Elevator, it was not practicable to audit the stocks in this elevator and the stocks were estimated in accordance with the provisions of Order in Council P.C. 5298 dated October 2, 1940.

The stocks in store in the semi-public terminal elevator at Churchill, Manitoba, operated by the National Harbours Board, were also estimated.

Of the eight (8) semi-public terminal elevators in British Columbia it was only possible to audit the stocks in four of these elevators. Overages in excess of $\frac{1}{4}$ of 1 per cent were disclosed in one elevator and settlement was made to the Board in the amount of \$194.08 in accordance with the provisions of Section 138 of the Canada Grain Act, 1930. Investigation of these overages disclosed that the licensee had committed a breach of the provisions of sub-section 2 of Section 125 of the Canada Grain Act by binning grain of a certain grade with grain of a different grade, and the Board ordered the licensee to pay a penalty of Three Hundred Dollars (\$300.00), which was duly paid.

The stocks in the other four elevators were estimated in accordance with the provisions of Order in Council P.C. 5298 dated October 2, 1940.

Of the thirty-one (31) Eastern Elevators stocks were audited in eighteen (18) but no excess was disclosed. The stocks in five elevators were estimated in accordance with the provisions of Order in Council P.C. 5298 dated October 2, 1940 but the audits of the stocks in the other eight elevators were deferred in accordance with the provisions of Order in Council P.C. 8892 dated November 18, 1943.

ELEVATOR CHARGES

The usual public meetings to hear representations regarding the maximum tariffs of elevator charges to be fixed by the Board for the Crop Year commencing August 1, 1943 were held by the Board in Vancouver, Winnipeg and Toronto in June and July, 1944. The maximum charges fixed by the Board provided for the continuance of the maximum storage charge of one-fiftieth of one cent (1/50c.) per bushel per day in country elevators and terminal elevators at the Head of the Lakes, and for an increase in the maximum storage charge at terminal elevators west of Calgary from one-sixtieth of one cent (1/60c.) per bushel per day to one-fiftieth of one cent (1/50c.) per bushel per day. No change was made in the maximum elevation charges at the different elevators. After the beginning of the crop year, Manitoba Pool Elevators, Limited, Saskatchewan Pool Elevators, Limited and the Alberta Wheat Pool gave notice, in accordance with the provisions of Section 83 of the Canada Grain Act, of a reduction in the elevation charges at their country elevators of two cents (2c.) per bushel on flax; one and one-half cents (1½c.) per bushel on wheat, barley and rye, and one cent (1c.) per bushel on oats.

LAKE FREIGHT RATES

The maximum rates fixed by the Board in June, 1941, under the provisions of the Inland Water Freight Rates Act, for the carriage of wheat from Fort William and Port Arthur to Bay Ports, Goderich, Sarnia, Port Colborne, Kingston, Prescott, Montreal and other St. Lawrence Ports, with increased rates in the month of December on account of increased insurance costs, remained in effect throughout the 1944 season of navigation.

WAR RISK INSURANCE ON GRAIN

The Board continued to collect the levy for War Risk Insurance assessed on grain received at, shipped from or processed at the different classes of elevators, as provided by Order in Council P.C. 10229 dated November 19, 1942, under the War Risk Insurance Act, 1942, until the scheme was discontinued under the provisions of Order in Council P.C. 9265 dated December 12, 1944 and effective December 15, 1944.

Collections as at December 31, 1944 amounted to \$1,589,604.31. \$27,338.94 was refunded to licensees of terminal elevators on account of levy advanced on stocks on September 1, 1943, when the rates were reduced by twenty per cent (20%), making net collections of \$1,562,265.37.

As at December 31, 1944, the levy outstanding amounted to \$8,318.42, and the outstanding advances of levy by licensees of terminal elevators amounted to \$66,606.82, which sum will be refunded to these licensees.

In accordance with Paragraph 6 of Order in Council P.C. 10229 the Board approved for payment to licensees of Eastern and Terminal Elevators of interest on outstanding advances of levy to December 31, 1944 in the total sum of \$7,586.54.

ASSISTANT COMMISSIONERS

While the number of complaints investigated by the Assistant Commissioners during 1944 was only fifty-nine (59) as compared with sixty-seven (67) in 1943, the services of these officials, with their personal contacts with pro-

ducers and licensees of the Board at country points throughout the grain-growing areas, continue to be a very vital factor in the administration of the Canada Grain Act. The return to the system of distribution of cars at country points under the car-order-book provisions of the Canada Grain Act necessitated the Assistant Commissioners visiting a large number of country points to adjust difficulties arising therefrom.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1944-45 were constituted by the Board in accordance with Section 25 of the Canada Grain Act, 1930.

The Western Committee was convened at Winnipeg on October 18, 1944 and the Eastern Committee at Toronto on November 21, 1944 and at Montreal on November 22, 1944.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$119.30 were redeemed during the past year. Outstanding certificates still remain in the amount of Seven Thousand, Seven Hundred and Eighty-seven Dollars and Eight Cents (\$7,787.08).

THE PRAIRIE FARM ASSISTANCE ACT

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one percent (1%) of the net value of grain marketed in the three Western Provinces. During the crop year ended July 31, 1944 the sum of \$4,714,706.78 was collected, making total collections, since the inception of this scheme on August 1, 1939 to July 31, 1944 of \$13,907,731.26.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1943-44, exclusive of the Canadian Government Elevators, was \$1,695,884.41, compared with \$1,605,150.67 for the previous fiscal year. Revenue for the fiscal year 1943-44 was \$1,496,564.63 compared with \$997,327.76 for the previous fiscal year, an increase of \$499,236.87.

For the first nine months of the current fiscal year the total expenditure was \$101,480.59 more than in the corresponding period in the previous fiscal year, and the revenue for the same period shows an increase of \$400,500.60.

Reports of the various departments of the Board are attached hereto as appendices, for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissionner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 19, 1945.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the Year 1944:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued during past Twenty Years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per cent Levy.
- (j) Statistics.
- (k) Annual Weigh-over—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31st, 1944, the Board investigated fifty-nine (59) complaints, including eight (8) outstanding at December 31st, 1943, regarding the handling of grain at country elevators, shipments to terminal elevators, and the operations of licensees under the Canada Grain Act, as follows:

Manitoba.....	17	
Saskatchewan.....	20	
Alberta.....	14	
Outstanding at December 31st, 1943.....	8	
		59
These were disposed of as follows:		
No grounds for complaint.....	29	
Complaint withdrawn.....	5	
Settlement effected.....	12	
Outside jurisdiction of Board.....	4	
Licensee warned.....	2	
Prosecutions instituted.....	2	
Not yet disposed of.....	5	
		59

MISCELLANEOUS COMPLAINTS

Eleven (11) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These, together with one (1) complaint outstanding at December 31st, 1943, were disposed of as follows:

No grounds for complaint.....	7	
Outside jurisdiction of Board.....	2	
Settlement effected.....	2	
Not yet disposed of.....	1	
	<hr/>	12

EXPORT SHIPMENTS

Four (4) complaints in respect to overseas shipments were received during the year ending December 31st, 1944, and together with four outstanding at December 31st, 1943, were disposed of as follows:

No grounds for complaint.....	4	
Settlement effected.....	1	
Settlement ordered.....	2	
Outside jurisdiction of Board.....	1	
	<hr/>	8

(b) PROSECUTIONS

During the year under review three prosecutions were instituted by the Board for breaches of the provisions of the Canada Grain Act. Convictions were obtained in each case, the defendants being fined \$10.00, \$10.00 and \$5.00 respectively.

(c) DEFAULTS

There were no defaults during the year 1944.

(d) CARS OUT OF TURN

During the year 1944 out-of-turn cars were ordered by the Board under the provisions of Section 68 of the Canada Grain Act as follows:

Grain out of condition.....	733
Elevators in danger of collapse.....	351

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107(a) of the Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of eighty (80) cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1943-44.

During the season which commenced on August 1, 1943, and ended on July 31, 1944, one hundred and thirty-four (134) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Six thousand, three hundred and fifty-nine (6,359) applications for licences to operate were received and five thousand, seven hundred and fifty-two (5,752) licences were issued. Six hundred and one (601) licences were transferred and six (6) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	31	.....	31	.....
Commission Merchants.....	39	.....	39	.....
Grain Dealers.....	15	.....	15	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	38	.....	38	.....
Private Terminal Elevators.....	8	.....	8	.....
Eastern Elevators.....	31	.....	31	.....
Mill Elevators.....	38	.....	38	1
Private Country Elevators.....	6	.....	6	.....
Public Country Elevators.....	5,546	6	5,540	600
Transfer.....	601	.....	.....	.....
	6,359	6	5,752	601

In addition to the above applications for regular elevator licences, the Board also received nine hundred and thirteen (913) applications for authority to operate off-site buildings as "Special Annexes" under authority of Order-in-Council P.C. 4215. Three (3) of the applications were rejected and/or withdrawn and nine hundred and ten (910) authorities to operate were granted. One and forty-five (145) of these licences were subsequently transferred. No fee was required from the applicants but they were required to deposit with the Board surety bonds to cover their operations at these off-site buildings.

At December 1, 1943, there were 5,779 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,748 in the Western Division and 31 in the Eastern Division; of these 5,663 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at July 31, 1944, was 602,215,632 bushels; elevators proper and permanent annexes comprising 430,234,420 bushels; temporary annexes 161,339,350 bushels and special annexes 10,641,862 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reasons stated hereunder:—

<i>Track Buyer's Licence</i> No. T-1	The Quaker Oats Company of Chicago, Illinois, U.S.A.; cancelled December 7, 1943; Canadian Company incorporated and licensed.
<i>Track Buyer's Licence</i> No. T-7	The Alberta Pacific Grain Company Limited of Winnipeg, Manitoba; cancelled November 1, 1943; Company ceased business.
<i>Commission Merchant's Licence</i> No. C-2	The Quaker Oats Company of Chicago, Illinois, U.S.A.; cancelled December 7, 1943; Canadian Company incorporated and licensed.
<i>Commission Merchant's Licence</i> No. C-9	The Alberta Pacific Grain Company Limited of Winnipeg, Manitoba; cancelled November 1, 1943; Company ceased business.

Grain Dealer's Licence
No. G.D.-24

The Alberta Pacific Grain Company Limited of Winnipeg, Manitoba; cancelled November 1, 1943; Company ceased business.

Public Country Elevator
Licence No. 1112

Reliance Grain Company Limited; 23,000 bushel elevator at Assiniboia, Saskatchewan; cancelled June 15, 1944; receiving scale dismantled and building subsequently licensed as a Special Annex to the No. 1 Elevator.

Public Country Elevator
Licence No. 1304

Reliance Grain Company Limited; 40,000 bushel elevator and 25,000 bushel temporary annex at Waseca, Saskatchewan; cancelled May 31, 1944, elevator having been totally destroyed by fire.

Public Country Elevator
Licence No. 3425

The Ogilvie Flour Mills Company Limited; 35,000 bushel elevator at Edmonton, Alberta; cancelled December 22, 1943; Company changed nature of operations and re-licensed as a Mill Elevator.

Public Country Elevator
Licence No. 3426

The Ogilvie Flour Mills Company Limited; 25,000 bushel elevator at Edmonton, Alberta; cancelled December 22, 1943; Company changed nature of operations and re-licensed as a Mill Elevator.

Public Country Elevator
Licence No. 5207

Isaac Bogoch, trading as the Central Grain Company; 28,000 bushel elevator and 15,000 bushel permanent annex at St. Boniface, Manitoba; cancelled March 10, 1944, elevator and annex having been totally destroyed by fire.

Eastern Elevator Licence
No. E-90

James Richardson & Sons Limited, 225,000 bushel elevator at Peterborough, Ontario; cancelled June 26, 1944; Company ceased operating this elevator for the storage of western-grown grain.

Eighty-one (81) Country Elevator licences were suspended by the Board at various times throughout the crop year, owing to certain repairs being necessary to the elevators to maintain them in a fit and proper condition to store grain. The repairs were made in due course and all licences reinstated.

Licence fees collected amounted to \$31,051.00; of this amount \$35.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$26,952,396.00 were executed by thirteen (13) of the approved surety companies and were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees; in addition, four (4) licensees deposited negotiable Government bonds with a par value of \$14,500.00 in lieu of furnishing the usual forms of surety bonds. \$1,557,700.00 of this security was to cover the grain stored in "Special Annexes".

The only change in the permanent staff of this Branch was the assignment of a permanent stenographer to position No. GC1-15. It was necessary to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Per centum Levy under The Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch, whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,

Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1927-28 to 1943-44

Kind	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1927- 1928	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	4,540	3,577	1,972	1,099
Private Country Elevators.....	6	6	6	6	6	7	13	11	12	13	14	9	12	385	398	309	156			
Public Terminal Elevators.....	6	6	6	6	6	5	3	6	6	7	7	9	10	8	11	10	11	17		
Semi Public Terminal Elevators...	38	39	39	39	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)					**10
Private Terminal Elevators.....	8	8	9	10	13	38	40	39	36	37	37	38	37	40	†76	†80	†20	†20	**34	
Eastern Elevators.....	31	30	30	31	30	29	29	29	31	31	30	29	28	29	†20	†18	†18	†18		
Mill Elevators.....	38	35	34	38	38	15	17	15	19	19	21	22	26	25	*27	*18	*16			
Elevator Space.....																				
Track Buyers.....	21	31	31	33	36	38	40	40	41	46	51	64	57	48	62	82	84	156	123	
Commission Merchants.....	39	38	38	39	43	47	47	48	51	56	61	63	64	57	71	90	92	126	84	
Grain Dealers.....	15	17	18	21	24	23	19	17	24	25	20	15	75	3	3	2	3			
Total number issued.....	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	5,001	3,921	2,271	1,109

†Licensed as Private Elevators.

‡Licensed as Public Elevators.

*Licensed as Manufacturing Elevators.

**Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1944 no applications for the building of grain loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	609	1,625
Saskatchewan.....	1,287	2,821
Alberta.....	728	1,470
British Columbia.....	43	87
Ontario.....	16	33
Total as at December 1, 1944.....	2,683	6,036

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

AMOUNTS COLLECTED ON GRAIN PURCHASED DURING PERIOD AUGUST 1, 1943, TO JULY 31, 1944

	Wheat		Oats		Barley		Rye		Total Levy
	Bushels	Levy \$ cts.	Bushels	Levy \$ cts.	Bushels	Levy \$ cts.	Bushels	Levy \$ cts.	
Manitoba.....	41,302,797	444,009 21	21,963,970	115,031 11	30,421,721	214,324 85	639,894	6,125 59	779,490 76
Saskatchewan.	194,809,308	2,020,793 82	82,721,247	421,285 48	40,123,571	270,241 59	3,384,901	31,223 20	2,743,544 09
Alberta.....	96,963,256	922,321 77	36,913,645	181,882 59	12,601,451	79,707 99	786,123	7,353 72	1,191,266 07
	333,075,361	3,387,124 80	141,598,862	718,199 18	83,146,743	564,274 43	4,810,918	44,702 51	4,714,300 92
						Mixed Grain, Alberta.....			34 85
						Adjustments not Allocated.....			371 01
									4,714,706 78
						Collections 1st August, 1939, to 31st July, 1943.....			9,193,024 48
						Total Collections.....			13,907,731 26

(j) STATISTICS

Production of the five principal grain crops of Canada in 1943, owing to unfavorable climatic conditions, was very poor.

Wheat—283,660,000 bushels—was only slightly above the long-time average in yield per acre and with an acreage below the long-time average, total production was approximately 50 percent of the 1942 total.

Oats—482,022,000 bushels—while slightly above the long-time average in yield per acre, showed a drastic reduction in total production compared with the record production of 651,954,000 bushels in 1942.

Barley—215,562,000 bushels—with increased acreage, also showed a reduction compared with 259,156,000 bushels in 1942.

Rye—7,143,000 bushels—and *Flaxseed*—17,911,000 bushels— were both below the long-time average in yield per acre, although flaxseed, with a greatly increased acreage, gave the highest total production on record in Canada.

Despite the reduced volume of the 1943 crops, storage continued to be a serious problem owing to the very large carry-over in Canada as at July 31, 1943 which reached a record total of over 810 million bushels for the five principal grains.

The demand for feed grains for livestock, both in Eastern Canada and the United States, continued in 1944 although as good crops in the United States became available, the demand from that source declined and direct shipments from country points in Western Canada were no longer necessary.

LAKE TRANSPORTATION AND FREIGHT RATES

Navigation on the Great Lakes opened earlier than usual in 1944, the first shipment being made on April 8 and on April 17 the total amount of grain shipped was 6,596,903 bushels, which was the highest daily shipments on record. The season closed on December 12 with total lake shipments of 455,964,182 bushels, which total is 70 million bushels higher than the previous largest total of 385,061,444 bushels in 1928.

Freight rates on shipments to Canadian ports remained at the levels set by the Board in 1941. Rates on shipments to U.S.A. ports were steady at 6c. per bushel on wheat, in U.S. funds to Lake Erie and Michigan ports and 4c. to Duluth and Superior.

INLAND WATER FREIGHT RATES ACT

In accordance with the requirements of this Act, copies of charter confirmations for all lake shipments of grain loaded at Fort William-Port Arthur have been filed by the shippers. Statements of weighted averages of rates charged for each kind of grain carried to each group of ports monthly and for the season were prepared for the information of the Minister, the Board and others vitally concerned.

INSURANCE

The scrutinizing of insurance policies and checking the amount of coverage has been given close attention during the year to ensure that licensees of public and semi-public elevators in the Western Division comply with the provisions of Section 102 of the Canada Grain Act, and that licensees of Eastern elevators comply with the provisions of Order in Council P.C. 2393 dated April 7, 1941.

AUDIT OF STOCKS

All the necessary statements of the results of audits of stocks of grain in store in terminal and Eastern elevators, carried out during 1944 by the Board's Inspection and Weighing Branches, in accordance with the provisions of Sections 138 and 138(a) of the Canada Grain Act, have been prepared and submitted to the Board.

GENERAL

A number of statistical statements covering grain handlings, etc. are attached hereto.

CARRY-OVER OF CANADIAN WHEAT—JULY 31—IN BUSHEL

Position	1942	1943	1944
On Farms—Estimated.....	10,446,000	197,207,000	53,871,000
In Country, Private Terminal and Mill Elevators.....	139,818,882	232,136,411	142,921,702
In Public and Semi-Public Terminal Elevators.....	167,506,675	93,497,853	56,356,489
In Store and Afloat for Eastern Elevators.....	67,638,911	45,769,205	53,725,411
In Eastern Flour Mills.....	3,064,388	3,232,235	2,144,072
In Transit.....	16,421,935	14,580,000	27,763,987
In Store and in Transit in the United States.....	18,855,546	14,350,285	18,393,522
Total.....	423,752,337	600,772,989	355,176,183

CROPS OF 1943 AND DISPOSITION	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Carry-over, July 31, 1943.....	594,626,019	149,340,515	69,278,502	15,267,755	3,740,121
Production—All Canada.....	283,660,000	482,022,000	215,562,000	7,143,000	17,911,000
Total available supply.....	878,286,019	631,362,515	284,840,502	22,410,755	21,651,121
Carry-over, July 31, 1944.....	355,176,183	108,543,320	45,873,970	5,576,061	3,649,125
Total disposed of.....	523,109,836	522,819,195	238,966,532	16,834,694	18,001,996

EXPORTS	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
1943-44 (unrevised).....	283,165,650	68,668,174	36,103,102	8,107,902	.....
Wheatflour, Oatmeal, etc., equivalent to.....	60,589,670	2,569,401	.....	.....	.....
Total.....	343,755,320	71,237,575	.....	.....	.....
1942-43.....	154,929,217	58,862,167	33,729,344	1,661,539	5,201,933
Wheatflour, Oatmeal, etc., equivalent to.....	56,588,469	995,544	.....	.....	.....
Total.....	211,517,686	59,857,711	.....	.....	.....

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1943, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1943-44
(ENDED 31st JULY)

(a) PRODUCTION

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	41,000,000	63,000,000	68,000,000	836,000	2,800,000
Saskatchewan.....	146,000,000	200,000,000	80,000,000	3,800,000	11,500,000
Alberta.....	80,000,000	129,000,000	56,000,000	1,234,000	3,300,000
Total.....	267,000,000	392,000,000	204,000,000	5,870,000	17,600,000

(b) PRIMARY MARKETINGS AT COUNTRY ELEVATORS

Manitoba.....	40,217,912	22,768,772	30,193,596	607,892	1,488,158
Saskatchewan.....	193,009,959	83,215,269	40,640,581	3,309,352	9,860,347
Alberta.....	90,452,667	36,339,254	12,439,370	729,667	2,621,903
Total.....	323,680,538	142,323,295	83,273,547	4,646,911	13,970,408

(a) PRODUCTION—Final official estimate for Prairie Provinces.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situate in British Columbia are included in Alberta figures.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1943, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1943-1944
(ENDED 31st JULY)—*Concluded*

LOADED OVER PLATFORMS

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	239,294	202,622	638,685	13,438	4,718
Saskatchewan.....	115,073	131,343	49,603	6,298	25,690
Alberta.....	328,221	475,242	81,860	5,994	8,685
Total.....	682,588	809,207	770,148	25,730	39,093

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....		11,088	10,898		
Saskatchewan.....		4,078	429		25
Alberta.....	5,136	78,558	9,716		6,365
Total.....	5,136	93,724	21,043		6,390

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	716,809	213,338	269,691		79,649
Saskatchewan.....	2,324,509	449,478	311,618	3,416	83,866
Alberta.....	1,912,640	382,547	90,975	8,276	59,761
Total.....	4,953,958	1,045,363	672,284	11,692	223,276

TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....		140	807,552	6,050	
Saskatchewan.....		5,128	4,678		
Alberta.....					
Total.....		5,268	812,230	6,050	

TOTAL MARKETED

Manitoba.....	41,174,015	23,195,960	31,920,422	627,380	1,572,525
Saskatchewan.....	195,449,541	83,805,296	41,006,909	3,319,066	9,969,928
Alberta.....	92,698,664	37,275,601	12,621,921	743,937	2,696,714
Total.....	329,322,220	144,276,857	85,549,252	4,690,383	14,239,167

(c) GRAIN INSPECTED

Manitoba.....	57,918,200	22,741,000	29,225,245	1,164,000	1,520,550
Saskatchewan.....	236,741,550	76,955,000	41,199,455	5,868,000	10,872,750
Alberta and B.C.....	101,043,250	35,928,000	12,286,075	1,306,000	2,631,700
Total.....	395,703,000	135,624,000	82,710,775	8,338,000	15,025,000

(c) GRAIN INSPECTIONS are compiled according to provinces where grain was grown.

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	278,223,062	72,639,949	47,947,055	8,321,972	12,226,619
Shipments.....	308,284,384	68,893,141	50,603,839	9,708,248	12,340,564
<i>Vancouver-New Westminster—</i>					
Receipts.....	20,832,036	2,327,262	959,784	36,047	248,053
Shipments.....	23,131,354	2,537,901	921,445	37,087	247,193
<i>Victoria, B.C.—</i>					
Receipts.....	327,322	956			
Shipments.....	1,201,034	4,785			
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Churchill, Man.—</i>					
Receipts.....					
Shipments.....	740,219	2,382			
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	51,696	400,188	1,152,959		
Shipments.....	869,286	417,643	898,857		
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....	398,207				

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	181,780	289,956	41,490		110,087
Edmonton.....	166,452	437,359	56,237		135,725
Lethbridge.....	22,501		304		51,986
Moose Jaw.....	119,711	67,288	22,176		1,373,495
Saskatoon.....	152,132	134,547	33,670		566,663
Total.....	642,576	929,150	153,877		2,237,956
<i>Shipments—</i>					
Calgary.....	423,975	287,116	39,048		110,100
Edmonton.....	142,107	433,064	54,125		134,219
Lethbridge.....	20,459	41	304		52,466
Moose Jaw.....	1,639,153	67,076	22,176		734,669
Saskatoon.....	1,223,634	143,842	33,651		564,708
Total.....	3,449,328	931,139	149,304		1,596,162

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	16,147,267	3,215,312	16,294,567	271,009	
Shipments.....	16,147,267	3,215,312	16,586,312	271,009	

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Receipts.....	172,116,014	18,217,092	19,958,531	706,714	739,090
Shipments.....	164,609,145	16,596,188	16,299,437	578,003	829,960

—	Canadian Corn	Canadian Buckwheat	Canadian Beans	Mixed Grain	Sunflower Seed
	bush.	bush.	bush.	bush.	bush.
Receipts.....	898,317	38,694	186,630	13,458,730	2,530,080
Shipments.....	953,982	24,939	185,484	13,560,446	53,210

UNITED STATES GRAIN

—	Wheat	Rye	Corn	Beans	Rice
	bush.	bush.	bush.	bush.	bush.
Receipts.....	3,599,442	.....	2,698,179	378,001	487,533
Shipments.....	2,408,641	23,526	2,552,328	107,120	566,649

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC
CONSUMPTION (AMOUNTS MOVED FROM ELEVATORS
INTO DOMESTIC CONSUMPTIVE CHANNELS)

—	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice
	bush.	bush.	bush.
Via Eastern Elevators.....	1,958,323	107,120	566,649
Fort William-Port Arthur.....	.....	.....	.....
Interior Private Terminals.....	.....	.....	.....
Pacific Coast Terminals.....	7,300	.....	.....
Total.....	1,965,623	107,120	566,649

FINAL FIGURES ON EXPORT OF CANADIAN WHEAT

MONTHLY TOTALS INCLUDING WHEAT-FLOUR (IN TERMS OF WHEAT) AND U.S.A. IMPORTS DURING CROP YEAR 1943-44

GRAIN COMMISSION

21

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total all Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
						Home Con- sumption Duty-Paid	Milling in Bond			
1943	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
	August.....	49,612	9,299,324	.....	4,577,019	8,319,187	424,664	22,669,806	5,047,056	27,716,862
	September.....	93,334	3,422,526	.....	5,434,457	8,776,002	556,110	18,282,429	3,932,627	22,215,056
	October.....	93,333	3,701,830	.....	3,628,431	11,837,404	759,358	20,020,356	3,824,487	23,844,843
	November.....	129,250	5,286,203	.....	2,484,935	10,539,818	889,027	19,329,233	3,859,609	23,188,842
	December.....	80,875	5,767,974	.....	4,790,197	8,666,094	1,135,389	20,440,529	4,979,155	25,419,684
1944	January.....	1,495,200	5,299,351	.....	4,231,926	13,135,960	1,041,900	25,134,337	5,062,653	30,196,990
	February.....	726,134	5,069,178	.....	3,181,787	19,331,690	1,372,136	29,680,925	3,844,224	33,525,149
	March.....	91,765	4,286,124	.....	3,480,536	13,492,805	1,036,479	22,387,709	5,518,265	27,905,974
	April.....	265,049	4,631,268	.....	4,497,426	24,277,704	701,785	34,373,232	6,942,735	41,315,967
	May.....	.....	10,461,457	.....	3,686,660	14,665,169	754,994	29,568,280	7,090,150	36,658,430
	June.....	59,388	6,905,215	.....	4,755,770	7,919,884	696,957	20,337,214	5,998,811	26,336,025
	July.....	.....	8,851,451	.....	2,592,863	8,926,929	570,357	20,941,600	4,489,898	25,431,498
	Total Crop Year 1943-44.....	3,083,940	72,911,901	.....	47,342,007	149,888,646	9,939,156	283,165,650	60,589,670	343,755,320
	Total Crop Year 1942-43.....	1,597,593	76,792,574	.....	64,892,431	7,142,356	7,687,479	158,112,433	56,588,469	214,700,902
	5 year average 1939-40 to 1943-44.....	4,306,388	90,758,546	354,492	55,443,230	32,828,987	9,170,655	192,884,792	47,984,003	240,868,795

* U.S.A. Official Figures. † Customs Returns.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1943-44

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....		319,733	139,938	459,671
1 Man. Northern.....	2,922,841	38,317,834	22,306,093	63,546,768
2 Man. Northern.....	161,099	29,763,126	22,958,490	52,882,715
3 Man. Northern.....		3,326,838	403,739	3,730,577
Number 5.....		3,689		3,689
2 C.W. Amber Durum.....		457,011	1,387,488	1,844,499
3 C.W. Amber Durum.....		723,670	146,259	869,929
Total.....	3,083,940	72,911,901	47,342,007	123,337,848
<i>Oats—</i>				
Extra 3 C.W.....		20,000		20,000
3 C.W.....		7,410		7,410
Extra 1 Feed.....		35,570		35,570
1 Feed.....		134,135		134,135
2 Feed.....		40,777		40,777
3 Feed.....		3,524		3,524
Tough Grades.....		2,032		2,032
Sample.....		5,418		5,418
Canadian Eastern.....		16,699		16,699
Total.....		265,565		265,565
<i>Barley—</i>				
Sample.....			298,130	298,130
Total.....			298,130	298,130
<i>Rye—</i>				
2 C.W.....		32,946	172,548	205,494
3 C.W.....		38,676		38,676
Total.....		71,622	172,548	244,170

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1943-44—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	3,083,940				
Collingwood.....				4,000	
Montreal.....	14,705,847	265,565		67,622	
Sorel.....	4,018,233				
Three Rivers.....	6,014,539				
Quebec.....	677,385				
St. John.....	3,035,791				
West St. John.....	23,649,055				
Halifax.....	20,811,051				
Total—Canadian Ports.....	75,995,841	265,565		71,622	
New York.....	7,421,379				
Albany.....					
Baltimore.....	12,083,871				
Boston.....	5,930,370				
Philadelphia.....	7,905,328			172,548	
Portland.....	14,001,059				
Duluth.....			298,130		
Total—U.S.A. Ports.....	47,342,007		298,130	172,548	
Total to Overseas.....	123,337,848	265,565	298,130	244,170	
Wheat Flour (4½ bush. per barrel).....	60,589,670				
Rolled Oats and Oatmeal.....		2,569,401			
U.S.A. Imports.....	159,827,802	68,402,609	35,804,972	7,863,732	10,050,072
Imported as Oats Screenings at 34 lbs.*..					
GRAND TOTAL.....	343,755,320	71,237,575	36,103,102	8,107,902	10,050,072

* Oats unhulled (ground)..... 3,499,760

ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1944
SUMMARY OF SURPLUSES AND DEFICITS

Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Canadian Government—</i>														
Calgary, Alta.....	723-40		419-24						1-40		323-08		34,290	
Edmonton, Alta.....	1,120-40		343-28		145-30		295-20					191-17		
Lethbridge, Alta.....		344-20									286-36		24,410	
Saskatoon, Sask.....	4,505-10				6,998-18			19-08				8,001-28		1,830
Prince Rupert, B.C.....		1,581-30												
Totals.....	6,349-30	1,925-50	763-18		7,144-14		295-20	19-08	1-40		609-44	8,192-45	58,700	1,830
Net Total—Surplus or Deficit.....	4,423-40		763-18		7,144-14		276-12		1-40				56,870	
											7,583-01			

Official weigh-up at Moose Jaw postponed under authority of Order-in-Council P.C. 5298 dated 2nd October, 1940.

ANNUAL WEIGH-UP, 1944

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1944, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Government—	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
		696-30					3-10		320-40	16-40		
		390-00	650-50	14-40				518-10	2-20			
				151-40				807-10	1,321-00	680-10		
	156-50							1,422-50	156-20			
Prince Rupert, B.C.												

Moose Jaw official weigh-up postponed under authority of Order-in-Council P.C. 5298 dated 2nd October, 1940.

ANNUAL WEIGH-UP, 1944

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1944, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT-WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS					DEFICIENCY				
	1	1	2	3	1 C.W. 2 C.W. Garnet	1	1	2	3	1 C.W. 2 C.W. Garnet
	Hard bush.	Northern bush.	Northern bush.	Northern bush.	bush.	Hard bush.	Northern bush.	Northern bush.	Northern bush.	bush. bush.
Eastern Terminal Elevator Co. Ltd:										
"Richardson".....	82-30		2,563-40				1,090-20			2,071-40
Federal Grain Ltd. "Stewart".....							31-10			
Fort William Elevator Co. Ltd.....							98-10			
Manitoba Pool Elevs. "Terminal No. 1".....							2,237-50	7,249-30	2,590-40	
Manitoba Pool Elevs. "Terminal No. 2".....							4,413-20	1,717-10	1,943-00	3-40
Manitoba Pool Elevs. "Terminal No. 3".....							4,264-40	2,439-20	2,439-20	26-30
Manitoba Pool Elevs. "Terminal No. 9".....							5,983-30	16,177-40	5,752-20	64-50
Manitoba Pool Elevs. "Terminal No. 9".....							2,842-40	5,313-00	2,123-20	19-30
McCabe Brothers Grain Co. Ltd. "C".....							2,928-20	7,328-55	3,385-00	12-05
National Grain Co. Ltd. "G.T.P.".....							129-50	1,987-20	64-10	
Northland Terminals Ltd. "D".....		26,149-50			73-30		19,855-00		89,852-30	1,654-20
Ogilvie Flour Mills Co. Ltd.....							5,037-30	8,543-00	3,886-00	30-40
N. M. Paterson & Co. Ltd.....				1,156-50		75-20	301-10	826-20		
Reliance Grain Co. Ltd.....							3,375-15	5,262-00	3,958-15	
Saskatchewan Pool Terminals Limited:							304-00	5,459-35	235-00	3-50
"Terminal No. 5".....										45-00
Searle Grain Co. Ltd.....		6,440-45			162-15			20,363-20	1,951-30	
Superior Elevator Co. Ltd. "P. & H.".....				54-10	97-30		7,441-35	19,285-35	5,535-45	450-25
							635-00	3,243-00		

NOTE—Owing to the unusually heavy receipts and shipments at the Semi-Public Terminal Elevators at the Head of the Lakes during 1944, it was only possible to audit the stocks in the sixteen (16) elevators shown above. It is anticipated that the stocks in the remaining eleven (11) elevators will be audited before the opening of navigation in 1945.

ANNUAL WEIGH-UP, 1944

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1944, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW-WESTMINSTER, VICTORIA, CHURCHILL, NORTH TRANSCONA AND KENORA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver-New Westminster, B.C.—</i> Alberta Wheat Pool Elevator No. 2..... Jas. Richardson & Sons Ltd..... Searle Grain Co. Ltd.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Victoria, B.C.—</i> United Grain Growers Terminals Ltd.....			3,561-10	773-40				546-40 91-20 737-30	3,780-40 370-10	5,695-45 401-20	147-40	27-20 671-10
<i>North Transcona, Man.—</i> Eastern Terminal Elevator Co. Ltd.....								576-50	400-15	93-15		
								16-00	47-40	28-30		

THE ANNUAL WEIGH-UP OF THE GRAIN IN STORE IN THE FOLLOWING SEMI-PUBLIC TERMINAL ELEVATORS WAS POSTPONED UNDER AUTHORITY OF ORDER IN COUNCIL, P.C. 5293 DATED 2ND OCTOBER, 1940

Churchill, Manitoba—
National Harbours Board Elevator,

Kenora—
Searle Grain Co. Ltd.

Vancouver-New Westminster—
Alberta Wheat Pool Elevator No. 1.
Pacific Elevators Ltd.
United Grain Growers Terminals Ltd.
Midland Pacific Terminal Ltd.

ANNUAL WEIGH-UP, 1944

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GROWN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP, 1944, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i>			
Collingwood Terminals Ltd.....	Western Canadian Wheat.....		4,178-50
	Western Canadian Oats.....	3,832-19	
	Western Canadian Barley.....	870-27	
	Western Canadian Screenings.....		2,136 lbs.
	U.S.A. Corn.....		1,102-29
<i>Depot Harbour—</i>			
W. H. Johnson, Jr., Ltd. (C.N.R.).....	Western Canadian Wheat.....		372-30
<i>Humberstone—</i>			
Robin Hood Flour Mills Co. Ltd.....	Western Canadian Wheat.....		5,454-30
	Western Canadian Screenings.....	59,544 lbs.	
	U.S.A. Corn.....		357-29
<i>Kingston—</i>			
Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		1,393-40
	Western Canadian Barley.....		11-12
<i>Midland—</i>			
Midland Simcoe Elevator Co. Ltd.....	Western Canadian Wheat.....		4,460-10
	Western Canadian Oats.....		321-24
	Western Canadian Barley.....		486-44
<i>Midland—</i>			
Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		3,162-50
	U.S.A. Corn.....		196-20
<i>Midland—</i>			
Canadian National Railways Elevator....	Western Canadian Wheat.....		254-35
	Western Canadian Oats.....		92-16
	U.S.A. Corn.....		646-11
<i>Owen Sound—</i>			
Great Lakes Elevator Co. Ltd.....	Western Canadian Wheat.....		2,185-50
	Western Canadian Oats.....		691-26
	Western Canadian Barley.....		1,184-22
	Western Canadian Flaxseed.....		40-55
	Western Canadian Screenings.....		1,495 lbs.
	U.S.A. Corn.....		586-49
<i>Port Colborne—</i>			
Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		17,156-05
	Western Canadian Oats.....	1,478-33	
	Western Canadian Barley.....		556-09
	Western Canadian Rye.....		262-39
	Western Canadian Corn.....		29-10
	Western Canadian Mixed Grain.....		79 lbs.
	U.S.A. Corn.....		88-30
<i>Port Colborne—</i>			
National Harbours Board.....	Western Canadian Wheat.....		1,486-05
	Western Canadian Oats.....		29-12
	Western Canadian Beans.....		13-25
	Western Canadian Screenings.....		13,280 lbs.
<i>Prescott—</i>			
National Harbours Board.....	Western Canadian Wheat.....		1,535-30
	Western Canadian Oats.....		43-33
	Western Canadian Barley.....		32-18
	Western Canadian Corn.....		-51
	Western Canadian Screenings.....	23,965 lbs.	
<i>Quebec—</i>			
National Harbours Board.....	Western Canadian Wheat.....		358-55
	Western Canadian Oats.....		349-16
	Western Canadian Barley.....		189-44
	Western Canadian Corn.....		-48
	Western Canadian Peas.....		1-15
	Western Canadian Mixed Grain.....		680 lbs.
	Western Canadian Screenings.....		1,306 lbs.
<i>Sorel—</i>			
North American Elevators Ltd.....	Western Canadian Wheat.....		107-00
	Western Canadian Oats.....		19-06
	Western Canadian Barley.....	176-09	
	Western Canadian Screenings.....		150 lbs.

ANNUAL WEIGHT-UP, 1944—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Three Rivers—</i>			
Three Rivers Grain & Elevator Co. Ltd.	Western Canadian Wheat.....		6,949-05
	Western Canadian Oats.....		62-25
	Western Canadian Barley.....		38-15
	Western Canadian Screenings.....		137 lbs.
	U.S.A. Rye.....		51-14
	U.S.A. Corn.....		961-00
<i>Halifax—</i>			
National Harbours Board.....	Western Canadian Wheat.....		35,709-15
	Western Canadian Oats.....		246-31
	Western Canadian Barley.....		48-05
	Western Canadian Flaxseed.....		153-42
	Western Canadian Corn.....		13-09
	U.S.A. Corn.....		68-02
	Australian Wheat.....		107-10
<i>West Saint John—</i>			
C.P.R. Elevator "B".....	Western Canadian Wheat.....		10,963-50
<i>West Saint John—</i>			
C.P.R. Elevator "H" (National Harbours Board).	Western Canadian Wheat.....		23,334-20
	Western Canadian Flaxseed.....		153-38

NOTE—The official weigh-up of grain in store in the following elevators was postponed under authority of Order in Council P.C. 5298, dated 2nd October, 1940.

Goderich.....	Goderich Elevator and Transit Co. Ltd.
Goderich.....	Western Canada Flour Mills Co. Ltd.
Humberstone.....	Robin Hood Flour Mills Ltd.
Midland.....	Canadian National Railways Co. Ltd.
Midland.....	Canada Steamship Lines Elevator Ltd.
Port Colborne.....	Maple Leaf Milling Co. Ltd.
Port McNicoll.....	C.P.R. Elevator Co. Ltd.
Prescott.....	National Harbours Board.
Sarnia.....	Sarnia Elevator Co. Ltd.
Toronto.....	Toronto Elevators Ltd.
Montreal.....	Dominion Elevator Ltd.
Montreal.....	National Harbours Board.
Saint John.....	Canadian National Railways.

ANNUAL WEIGH-UP, 1944

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138 CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	FORT WILLIAM		ST. BONIFACE		EDMONTON	
	National Grain Co. Ltd. "D & S"		Red River Grain Co. Ltd.		United Grain Growers Ltd.	
	Excess	Deficiency	Excess	Deficiency	Excess	Deficiency
	bush.	bush.	bush.	bush.	bush.	bush.
1 Manitoba Hard.....						
1 Manitoba Northern.....				1-10		
2 Manitoba Northern.....						
3 Manitoba Northern.....		24-00		9-20		
1 C.W. Garnet.....						
2 C.W. Garnet.....						

No wheat of the above grades was handled or in store in the following elevators—
 Canada Malting Co. Ltd., Calgary, Alta.
 Canada Malting Co. Ltd., Winnipeg, Man.
 Dominion Malting Co. Ltd., South Transcona, Man.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

- D. G. McKENZIE, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealist.
 H. Sellers, representing the Millers of wheat flour.
- | | | |
|-----------------|---|---|
| George Bennett | } | representing Grain Growers in Alberta. |
| W. H. Fairfield | | |
| R. H. MacDonald | | |
| B. S. Plumer | | |
| A. F. Sproule | } | representing Grain Growers in Saskatchewan. |
| Dr. L. E. Kirk | | |
| J. Wellbelove | | |
| W. Wright | | |
| G. S. Canfield | } | representing Grain Growers in Manitoba. |
| W. J. Parker | | |
| R. Barrett | | |
| J. Quick | | |
- G. Constable, representing Grain Growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing Exporters of Grain.
- | | | |
|-----------------|---|--|
| K. F. Wadsworth | } | representing Millers of Wheat in the Eastern Division. |
| J. J. Page | | |
| R. J. Scott | } | representing Grain Growers in Ontario. |
| W. A. Amos | | |
| Wm. Wallace | } | Additional |
| J. M. Vittie | | |
| G. E. McConney | | |
- } representing Growers of Corn.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

Winnipeg

J. Cuddy (Chairman)
 Grant Hammond
 J. McMahon
 A. F. Moore
 J. Murray
 S. C. Swanton
 G. J. Wells
 D. K. Mills
 G. S. Turner
 S. Billinsky (Secretary)

Calgary

J. Tranter
 J. A. Harris
 W. McLeod
 E. J. Munson
 G. C. Arbuthnott
 A. Watson
 E. S. Munro (Secretary)
 Vacant (Chairman)

Edmonton

C. R. Manahan (Chairman)
 J. W. Allen
 W. H. Boyle
 A. Fraser
 C. C. Gillies
 J. A. Kyle
 L. T. Ingram
 R. H. Settle
 F. J. Wolfe
 R. T. Rose (Secretary)

Toronto

G. D. Brundrit
 C. H. Coatsworth
 R. C. Pratt
 N. H. Campbell
 C. W. Heimbecker
 L. S. Johnston
 W. H. McCarthy
 G. E. McConney
 E. D. Sullivan
 K. F. Wadsworth
 F. D. Tolchard (Secretary)

Montreal

P. J. Marples (Chairman)
 A. Chaplin
 T. B. Earle
 J. A. Byrne
 J. M. Vittie
 T. A. Climo
 E. Lorne Tracey (Secretary)

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1944

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	489	56	2	431
Calgary.....	Nil	Nil	Nil	Nil
Edmonton.....	341	56	Nil	285
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
Total.....	830	112	2	716

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN, January 15, 1945.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba,

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1944:—

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	279,021,676-10	310,618,947-20
Oats.....	72,989,743-12	69,385,546-11
Barley.....	49,306,936-21	51,649,918-21
Flax.....	12,241,383-23	12,253,392-14
Rye.....	8,344,565-06	9,824,375-23
Mixed Grain.....	892,213-42	358,838-10
Corn.....	23,454-36	30,378-12
Buckwheat.....	625-00	625-00
Speltz.....	3,652-54	2,182-14
Sunflower Seeds.....	40,439-00	2,508-12
<i>Vancouver—</i>		
Wheat.....	19,525,662-50	22,749,623-20
Oats.....	1,127,960-28	1,334,180-32
Barley.....	416,794-16	382,711-42
Flax.....	1,173-02	
Rye.....	4,059-48	3,169-40
Mixed Grain.....	19,516-10	5,976-20
Corn.....	4,556-48	4,557-28
<i>Calgary—</i>		
Wheat.....	181,779-40	423,975-40
Oats.....	289,553-08	287,116-06
Barley.....	41,560-00	38,248-06
Flax.....	110,087-25	110,100-39
Mixed Grain.....	3,263-20	1,580-40
Sunflower Seeds.....	548-49	317-00
<i>Edmonton—</i>		
Wheat.....	167,486-00	142,106-30
Oats.....	437,481-20	431,299-14
Barley.....	56,236-32	54,127-12
Flax.....	135,724-40	134,219-03
Corn.....	6,402-08	6,402-08
Mixed Grain.....	134-30	
<i>Lethbridge—</i>		
Wheat.....	20,590-30	19,121-50
Oats.....		
Barley.....	304-18	304-22
Flax.....	51,678-52	52,217-47
Mixed Grain.....	480-20	480-20
<i>Moose Jaw—</i>		
Wheat.....	119,530-20	1,639,152-30
Oats.....	67,288-18	66,758-08
Barley.....	22,175-40	22,175-40
Flax.....	1,375,857-12	734,668-46
Mixed Grain.....	30,889-20	5-10
Sunflower Seeds.....	1,099-10	

	Bushels Registered	Bushels Registered for Cancellation
<i>Saskatoon—</i>		
Wheat.....	153,612-50	1,223,634-30
Oats.....	134,547-02	143,839-08
Barley.....	33,670-10	33,650-30
Flax.....	566,661-12	564,707-46
Sunflower Seeds.....	28,187-23	1,499-12
Mixed Grain.....	9,846-30	.....
<i>Total—</i>		
Wheat.....	299,190,338-20	336,816,561-40
Oats.....	75,046,554-20	71,648,740-11
Barley.....	49,877,677-41	52,181,136-29
Flax.....	14,482,320-54	13,849,306-27
Rye.....	8,345,624-54	9,827,545-07
Mixed Grain.....	925,455-02	366,881-00
Corn.....	65,303-00	41,337-40
Buckwheat.....	625-00	625-00
Sunflower Seeds.....	70,225-22	4,324-24
Speltz.....	3,652-54	2,182-14

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

	Bushels Registered	Bushels Registered for Cancellation
<i>Montreal—</i>		
Wheat.....	257,752,660-25	250,822,256-10
Oats.....	18,844,112-15	17,218,742-14
Barley.....	20,831,626-35	17,138,253-27
Flax.....	739,040-26	829,959-38
Rye.....	797,384-26	660,871-08
Mixed Grain.....	281,924-42	226,068-06
Corn.....	3,556,086-35	3,563,998-35
Screenings.....	1,044,785-18	810,664-30
Rice.....	487,533-25	566,448-40
Buckwheat.....	38,705-10	26,419-26
Beans.....	564,524-10	297,949-10
Peas.....	9,488-00	16,288-20
Sunflower Seeds.....	105,419-24	3,305-10

Yours respectfully,

W. T. TODD,

Registrar.

APPENDIX No. 5

REPORT OF CHIEF INSPECTOR OF GRAIN

WINNIPEG, MAN., December 4, 1944.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit herewith the annual report covering car and cargo inspections in the western division, also the car and cargo inspections and sampling of grain in the eastern division for the crop year ending July 31, 1944.

The crop of 1943-44 in the western division was a good average yield of all grains and harvested under favourable weather conditions. Grain produced was of high grade and good quality.

The total number of cars inspected in the western division for the year 1943-44 was 349,902 as against 191,205 for the previous year, an increase of 158,697 cars.

Yours truly,

F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1943 to July 31, 1944, are made up as follows:—

	Cars	Percentages
Wheat.....	231,812	66·250
Oats.....	57,105	16·320
Barley.....	43,744	12·502
Flax.....	11,340	3·241
Rye.....	4,934	1·410
Mixed Grain.....	391	0·112
Corn.....	134	0·039
Buckwheat.....	2	.....
Screenings.....	324	0·093
Sunflower Seeds.....	113	0·033
Soybeans.....	1	.....
Speltz.....	2	.....
Total.....	349,902	100·000

The grades of Wheat are as follows:—

	Cars	Percent- ages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	2	0-001		
1 Manitoba Northern.....	38,091	16-707		
2 Manitoba Northern.....	100,236	43-965		
3 Manitoba Northern.....	50,342	22-081		
4 Manitoba Northern.....	17,555	7-700		
No. 4 Special.....	1	0-000		
No. 5.....	13,353	5-857		
No. 6.....	1,684	0-739		
Feed.....	218	0-095		
Sample.....	168	0-074		
Smutty.....	526	0-231		
Tough.....	3,037	1-333		
Damp.....	255	0-112		
Rejected.....	2,520	1-105		
Total Red Spring Wheats.....	227,988	100-000	227,988	98-350
1 Garnet.....	5	1-608		
2 Garnet.....	134	43-087		
3 Garnet.....	157	50-482		
Smutty Garnet.....	1	0-321		
Tough Garnet.....	8	2-572		
Damp Garnet.....	3	0-965		
Rejected Garnet.....	3	0-965		
Total Garnet Wheats.....	311	100-000	311	0-134
1 Amber Durum.....	99	3-236		
2 Amber Durum.....	1,440	47-074		
3 Amber Durum.....	956	31-252		
4 Amber Durum.....	198	6-472		
5 Amber Durum.....	7	0-229		
6 Amber Durum.....	1	0-033		
Smutty Amber Durum.....	62	2-027		
Tough Amber Durum.....	163	5-329		
Damp Amber Durum.....	3	0-098		
Rejected Amber Durum.....	111	3-629		
Sample Amber Durum.....	19	0-621		
Total Amber Durum Wheats.....	3,059	100-000	3,059	1-320
2 White Spring.....	1	25-000		
3 White Spring.....	3	75-000		
Total White Spring Wheat.....	4	100-000	4	0-002
1 Mixed Wheat.....	14	12-280		
3 Mixed Wheat.....	21	18-421		
5 Mixed Wheat.....	63	55-263		
Tough Mixed Wheat.....	8	7-018		
Rejected Mixed Wheat.....	7	6-140		
Sample Mixed Wheat.....	1	0-878		
Total Mixed Wheat.....	114	100-000	114	0-049
1 Alberta Red Winter.....	217	64-583		
2 Alberta Winter.....	87	25-893		
3 Alberta Winter.....	26	7-739		
Smutty Alberta Winter.....	4	1-190		
Rejected Alberta Winter.....	2	0-595		
Total Alberta Winter Wheat.....	336	100-000	336	0-145
TOTAL ALL WHEATS.....	231,812	.....	231,812	100-000

The Grades of Oats are as follows:—

	Cars	Percentages
1 Canada Western.....	4	0.007
2 Canada Western.....	3,601	6.306
Extra 3 Canada Western.....	5,081	8.898
3 Canada Western.....	13,112	22.961
Extra 1 Feed.....	10,621	18.599
1 Feed.....	19,960	34.953
2 Feed.....	2,918	5.110
3 Feed.....	351	0.615
Mixed Feed Oats.....	44	0.077
Rejected Oats.....	192	0.336
Sample.....	76	0.133
Tough.....	969	1.697
Damp.....	176	0.308
Total.....	57,105	100.000

The Grades of Barley are as follows:—

	Cars	Percentages
1 Canada Western Six-Row.....	16	0.037
2 Canada Western Six-Row.....	2,741	6.266
3 Canada Western Six-Row.....	12,194	27.876
1 Canada Western Two-Row.....	8	0.018
2 Canada Western Two-Row.....	999	2.284
1 Feed.....	11,653	26.639
2 Feed.....	11,204	25.613
3 Feed.....	2,703	6.179
Rejected.....	167	0.382
Sample.....	25	0.057
Tough.....	1,957	4.473
Damp.....	77	0.176
Total.....	43,744	100.000

The Grades of Flax are as follows:—

	Cars	Percentages
1 Canada Western.....	10,599	93.466
2 Canada Western.....	276	2.434
3 Canada Western.....	116	1.023
4 Canada Western.....	14	0.123
Sample.....	16	0.141
Tough.....	297	2.619
Damp.....	22	0.194
Total.....	11,340	100.000

The Grades of Rye are as follows:—

	Cars	Percentages
1 Canada Western.....	1	0.020
2 Canada Western.....	673	13.640
3 Canada Western.....	2,731	55.351
4 Canada Western.....	186	3.770
Ergoty Rye.....	630	12.769
Rejected.....	70	1.418
Tough.....	632	12.809
Damp.....	4	0.081
Sample.....	7	0.142
Total.....	4,934	100.000

The Grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	39	9.974
No. 2.....	35	8.951
No. 3.....	280	71.613
Tough.....	16	4.092
Damp.....	5	1.278
Sample.....	8	2.046
Rejected.....	8	2.046
Total.....	391	100.000

The Grades of Corn are as follows:—

	Cars	Percentages
No. 2 Canada Western Yellow.....	37	27.612
No. 3 Canada Western Yellow.....	21	15.672
No. 4 Canada Western Yellow.....	4	2.985
No. 5 Canada Western Yellow.....	2	1.493
Tough.....	15	11.194
Damp.....	32	23.881
Moist.....	20	14.925
Wet.....	2	1.492
Sample.....	1	0.746
Total.....	134	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1943 TO JULY 31, 1944

	Cars	Percentages
Winnipeg.....	300,765	85.957
Calgary.....	13,176	3.766
Moose Jaw.....	4,769	1.363
Saskatoon.....	5,712	1.632
Medicine Hat.....	3,689	1.054
Lethbridge.....	4,391	1.256
Vancouver.....	596	0.170
Edmonton.....	16,804	4.802
Total.....	349,902	100.000

SUMMARY OF CARS REINSPECTED 1943-44

	Winnipeg		Calgary	
Cars Inspected.....	300,765		13,176	
Cars Reinspected.....	34,430	11.44%	1,396	10.59%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	14,943	43.40	866	62.03
Grades Raised.....	10,983	31.90	231	16.55
Grades Lowered.....	241	0.70	9	0.65
Dockage Raised.....	516	1.50	24	1.72
Dockage Lowered.....	7,747	22.50	266	19.05
Total.....	34,340	100.00	1,396	100.00

SUMMARY OF CARS REINSPECTED 1943-44—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	16,804		5,712	
Cars Reinspected.....	2,884	17.16%	230	4.03%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	1,956	67.82	218	94.79
Grades Raised.....	290	10.06	11	4.78
Grades Lowered.....			1	0.43
Dockage Raised.....	621	21.53		
Dockage Lowered.....	17	0.59		
Total.....	2,884	100.00	230	100.00
	Moose Jaw		Medicine Hat	
Cars Inspected.....	4,769		3,689	
Cars Reinspected.....	415	8.70%	108	2.93%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	345	83.13	98	90.75
Grades Raised.....	58	13.98	6	5.55
Grades Lowered.....	4	0.96	2	1.85
Dockage Raised.....				
Dockage Lowered.....	8	1.93	2	1.85
Total.....	415	100.00	108	100.00
	Lethbridge		Vancouver	
Cars Inspected.....	4,391		596	
Cars Reinspected.....	31	0.70%	15	2.52%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	25	80.65	14	93.33
Grades Raised.....	5	16.13	1	6.67
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....	1	3.22		
Total.....	31	100.00	15	100.00
	The Pas		Churchill	
Cars Inspected.....	Nil		Nil	

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....		349,902	
Total Cars Reinspected.....		39,509	11.29%
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	18,465	46.74	5.28
Grades Raised.....	11,585	29.32	3.31
Grades Lowered.....	257	0.65	0.07
Dockage Raised.....	1,161	2.94	0.33
Dockage Lowered.....	8,041	20.35	2.30
Total.....	39,509	100.00	11.29

SUMMARY OF CARS APPEALED

—	Winnipeg		Edmonton		Total	
	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	431	88.14	285	83.58	716	86.27
Grades Raised.....	56	11.45	54	15.83	110	13.25
Grades Lowered.....	2	0.41			2	0.24
Dockage Raised.....						
Dockage Lowered.....			2	0.59	2	0.24
Total.....	489	100.00	341	100.00	830	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

—	Cars	Per Cent
Total Inspections.....	349,902	100.00
Total Appeals.....	830	0.24
Total Grades Changed.....	114	0.03

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1943 TO JULY 31, 1944

—	Fort William and Port Arthur	Vancouver and New Westminster	Victoria	Churchill	Prince Rupert
	bush.				
Wheat.....	292,735,841	18,404,927	1,201,034	740,219	
Oats.....	50,777,311				
Barley.....	42,143,196				
Rye.....	9,439,386				
Flax.....	10,181,512				
Mixed Grain.....	3,882,040 lbs.				
Screenings.....	171,134,861 lbs.				

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1943 TO JULY 31, 1944
EX PUBLIC, SEMI-PUBLIC AND PRIVATE ELEVATORS

	Medicine Hat	Winnipeg	Calgary	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Edmonton	Fort William Port Arthur	Total
Wheat.....	839	284	987	753	8	1,518	86	8,870	13,345
Oats.....	1,958	236	180	85	.....	525	410	8,030	11,424
Barley.....	1,394	368	49	42	.....	197	68	4,793	6,911
Flax.....	5	59	435	346	46	3	87	1,193	2,174
Rye.....	12	2	1	.....	.....	2	.....	153	170
Mixed Grain.....	110	1	1	2	.....	3	.....	38	155
Corn.....	8	.....	.....	.....	.....	.....	3	4	15
Mixed Feed Oats, Groats.....	12	12
Sample Grain.....	4	7	.....	1	.....	.....	.....	.....	12
Sunflower Seeds.....	1	.....	.....	.....	.....	.....	.....	1	2
Screenings.....	1	352	198	243	235	7	291	24	3,801	5,152
Total.....	1	4,683	1,155	1,896	1,464	61	2,539	678	26,895	39,372

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1943 TO JULY 31, 1944

Cargoes—

Grain Grown in Eastern Division—

At Toronto—	Bushels	Bushels
Soybeans.....No. 1 Can. Yellow.....	14,529-00	
Corn.....No. 2 C.E. Yellow.....	17,936-00	
		32,465-00

Car Loads—

Grain Grown in Eastern Division—

	Cars	Cars
At Montreal.....	43	
At Toronto.....	301	
At Chatham.....	658	
		1,002

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1943 TO JULY 31, 1944

	Bushels	Bushels
Western Grain.....	77,979,624	
Eastern Grain.....	72,939	
		78,052,563
At Montreal.....	18,826,982	
At Saint John.....	26,994,010	
At Halifax.....	20,813,042	
At Sorel.....	4,020,404	
At Prescott.....	24,990	
At Midland.....	244,000	
At Portland.....	12,919	
At Three Rivers.....	6,367,539	
At Quebec.....	677,385	
At Toronto.....	71,292	
		78,052,563

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1943 TO JULY 31, 1944

	Montreal	Toronto	Chatham
Western Grain.....	262		
Eastern Grain.....	46		6
Miscellaneous Grain.....	77	3	
	385	3	6

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		6	2	8
No. 2 C.E. White Winter.....		3		3
No. 1 C.E. Red Winter.....		7	8	15
No. 1 C.E. Mixed Winter.....		123	95	218
No. 2 C.E. Mixed Winter.....		19	2	21
No. 3 C.E. Mixed Winter.....		1		1
Tough.....		51	23	74
Damp.....		1		1
Smutty.....		4		4
Sample.....		6	3	9
<i>Corn—</i>				
Extra Dry No. 1 C.E. Yellow.....		3	12	15
No. 1 C.E. Yellow.....			3	3
Extra Dry No. 2 C.E. Yellow.....		5	1	6
No. 2 C.E. Yellow.....		3	10	13
Extra Dry No. 3 C.E. Yellow.....			1	1
No. 3 C.E. Yellow.....		3	4	7
No. 4 C.E. Yellow.....		1	2	3
No. 2 C.E. Mixed.....			1	1
Tough.....		11	12	23
Damp.....			72	72
Moist.....		4	195	199
Wet.....		20	67	87
Sample.....			4	4
<i>Buckwheat—</i>				
No. 4 C.E.....	1			1
Tough.....		2		2
Damp.....	1			1
Sample.....		1		1
<i>Pea Beans—</i>				
No. 1 C.E.....			20	20
No. 2 C.E.....			34	34
No. 3 C.E.....			5	5
No. 4 C.E.....			1	1
Tough.....			2	2
<i>Soybeans—</i>				
No. 1 Can. Yellow.....		14	36	50
No. 2 Can. Yellow.....		1	7	8
Tough.....		10	18	28
Damp.....		1	15	16
Moist.....			2	2
Sample.....		1	1	2
<i>Flax—</i>				
No. 1 C.E.....	6			6
No. 2 C.E.....	14			14
No. 3 C.E.....	9			9
Tough.....	12			12
Total.....	43	301	658	1,002

OUTWARD CARS INSPECTED CROP YEAR AUGUST 1, 1943 TO JULY 31, 1944

	Montreal	Toronto	Chatham	Total
Oats.....	620	457		1,077
Barley.....	963	444		1,407
Sunflower Seeds.....		1		1
Total.....	1,583	902		2,485

APPENDIX No. 6

REPORT OF CHIEF GRAIN WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year 1943-1944.

As in past years this Branch supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators as required by the Act. Weighing services have been supplied also to a number of elevators operating under Mill Elevator license whenever required. Weighing services were also supplied on a fees basis at some Lake Ports in the Eastern Division.

The gross receipts and shipments of Fort William and Port Arthur Elevators were exceedingly heavy during the crop year. Receipts were 431,531,538 bushels and shipments 451,174,388 bushels of wheat, oats, barley, rye and flaxseed, an increase of 173,437,693 bushels in receipts and 143,352,485 bushels in shipments over last year.

Scales in the Elevators at Port Arthur and Fort William, the Canadian Government Interior Elevators, the National Harbours Board Elevator, Port Churchill, and in those elevators that deliver grain to deep sea vessels at the Pacific Coast were inspected in accordance with the Weights and Measures Act and Regulations, and for which certificates of verification were issued.

The semi-annual inspection of the aforementioned scales was also made to insure the continued accuracy of same. Scales in the above elevators have been kept in good condition by an efficient scale mechanic. The annual inspection of scales in elevators licensed as Eastern Elevators was carried out by Mr. Marples in accordance with the Weights and Measures Act and Regulations.

The number of complaints received on the outturn of cars unloaded at Terminal Elevators during the crop year were very few. All complaints received were thoroughly investigated and adjustments made, or recommended, where it was proven mishaps in handling had taken place. Records show that there were over 349,000 cars handled in the Western Division.

Reported outturns of some cargoes loaded at the Head of the Lakes on which complaints were received were thoroughly investigated and in some cases satisfactory settlements were effected, but in other cases investigation proved that there were no claims against loading elevators. There were 1,974 cargoes loaded during the crop year.

There were a few complaints during the year on shipments from Atlantic Seaboard. These were thoroughly investigated and reports prepared and submitted to the Board.

As required under the Act the stocks of all grain in store in Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat in Private Terminal Elevators licensed by the Board in the Western Division were weighed over at the end of the crop year wherever possible, and in other cases estimated as required by Order in Council P.C. 5298. Statements of the correct quantities of the various grades weighed over were prepared and forwarded to the Board

to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal Elevators in accordance with the Provision of Section 138 of the Canada Grain Act. In the Eastern Division elevators licensed as Eastern Elevators were weighed over as required under Section 138A of the Act wherever possible. Owing to very heavy stocks, and to not unduly slow up receipts and shipments, it was necessary to estimate the grain in store in a number of these elevators.

There are attached statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the Lakehead to Canadian and American Ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1944

FORT WILLIAM-PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	284,663,710-30	139,898-30	81,282-00	284,884,891-00
Oats.....	73,458,659-14	340,496-16		73,799,155-30
Barley.....	48,598,046-28	40,277-17	175,013-16	48,813,427-13
Rye.....	8,570,398-54	18,229-37		8,588,628-35
Flaxseed.....	15,430,218-51	15,218-15		15,445,437-10
Canadian Corn.....	21,571-50	1,444-00		23,015-50
Buckwheat.....	833-16			833-16
Mixed Grain.....	32,513,836 lbs.	6,750,870 lbs.		39,264,706 lbs.
Speltz.....	70,600 lbs.			70,600 lbs.
Mixed Feed Oats Groats.....				
Sunflower Seeds.....	1,440,750 lbs.			1,440,750 lbs.
All Screenings.....	20,909,166 lbs.	9,497,587 lbs.		30,406,753 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	292,735,841-30	15,548,758-30	80,607-50	143,660-10	308,508,868-00
Oats.....	50,777,311-03	18,115,873-21		369,564-04	69,262,748-28
Barley.....	42,143,196-21	8,460,732-21		43,013-36	50,822,363-32
Rye.....	9,439,386-43	268,861-17		17,270-03	9,725,518-07
Flaxseed.....	10,603,276-30	2,234,843-54		16,771-13	12,854,891-41
Canadian Corn.....		28,505-02		1,445-24	29,950-26
Buckwheat.....		625-00			625-00
Mixed Grain.....	3,882,040 lbs.	6,812,090 lbs.		7,036,544 lbs.	17,730,674 lbs.
Mixed Feed Oats Groats.....					
Sunflower Seeds.....		720,000 lbs.			720,000 lbs.
All Screenings.....	171,134,861 lbs.	247,729,266 lbs.			82,840 lbs.
				9,719,519 lbs.	428,583,646 lbs.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1943-44
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscel- laneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	22,838,885-00	2,485,251-05	1,117,304-02	39,532-23	249,809-11	39,904-26	7,514-16	11,048,920
Victoria.....	336,895-10	1,071-28						
Prince Rupert.....								
Churchill.....								
Calgary.....	186,199-30	291,720-30	41,642-44		139,189-14			161,310
Edmonton.....	171,272-20	439,935-30	56,472-24		158,906-34	6,405-40		6,770
Lethbridge.....	23,039-10		304-18		62,174-38			24,020
Moose Jaw.....	122,955-10	67,995-00	22,288-16		1,775,454-42			1,584,950
Saskatoon.....	160,124-30	135,761-06	33,955-10		720,036-48			1,478,275
North Transcona— Eastern Terminal.....	51,821-10	402,513-28	1,163,211-37			439-46		764,410

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscel- laneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	24,615,389-30	2,660,969-26	1,071,619-40	40,109-27	247,193-47	29,482-26	7,300-16	24,275,370
Victoria.....	1,201,034-10	4,785-30						195,380
Prince Rupert.....								
Churchill.....	740,219-20	2,382-12						278,700
Calgary.....	423,975-50	287,116-06	39,047-44		111,584-36			1,825,660
Edmonton.....	142,106-30	433,064-04	54,125-10		135,438-49	6,402-08		650,950
Lethbridge.....	20,459-30	41-06	304-22		52,536-02			218,465
Moose Jaw.....	1,639,153-00	67,075-30	22,175-40		746,763-12			7,253,970
Saskatoon.....	1,223,634-03	143,841-26	33,650-30		573,326-24			5,519,998
North Transcona— Eastern Terminal.....	869,286-00	417,643-08	898,856-22			438-42		480,670

TOTALS CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR 1943-1944

Kenora.....	234
Keewatin.....	7,946
Winnipeg.....	18,914
Churchill.....	6
Saskatoon.....	5,860
Moose Jaw.....	4,320
Calgary.....	5,003
Edmonton.....	959
Medicine Hat.....	3,999
Total.....	47,241

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1943-1944

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	12,017	1,835	182
Elevators, excluding Lakehead.....	2,731	485	83
Total.....	14,748	2,320	265

TRADE AND COMMERCE

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	10,052	515	73
Elevators, excluding Lakehead.....	1,807	137	33
Total.....	11,859	652	106
Total both roads.....	26,607	2,972	369

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	2,966	785
C.N.R. Yards.....	1,215	723
Total.....	4,181	1,508

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
OF THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	167,892,325-40	Short 26.39
Oats.....	12,327,285-21	Short 29.12
Barley.....	14,902,493-28	Short 39.30
Rye.....	497,527-22	Short 30.56
Flaxseed.....	554,414-46	Short 34.41
Screenings.....	18,988-0660 tons	Short 2.85 lbs per ton

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	124,649,314-10	Short 18.92
Oats.....	38,450,025-16	Short 20.98
Barley.....	27,148,009-03	Short 55.53
Rye.....	8,944,312-43	Short 18.29
Flaxseed.....	10,046,712-41	Short 42.68
Screenings.....	67,052-0104 tons	Short 2.33 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Bushels	Pounds per 1,000 bushels
Wheat.....	292,541,639-50	Short 23.21
Oats.....	50,777,311-03	Short 22.96
Barley.....	42,050,502-31	Short 49.73
Rye.....	9,441,840-09	Short 18.94
Flaxseed.....	10,601,127-31	Short 42.24
Screenings.....	86,040-0764 tons	Short 2.44 lbs per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

FORT WILLIAM, ONT.,
December 6, 1944.

The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1943-44.

ELEVATORS OPERATED

The interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were all operated during the entire year under Public Terminal Elevator Licenses.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., was operated by McCabe Bros. Grain Co. Ltd., under lease which expired July 31, 1944. Prior to that date a new lease was made with the same firm covering a term of five years from August 1, 1944.

TARIFF OF CHARGES

The tariff of charges for handling, storing, cleaning and drying of grain was the same as that in effect during the previous season.

VOLUME OF GRAIN HANDLED

Grain received into the elevators during the crop year amounted to 4,015,023 bushels, an increase of 88,789 bushels over the amount received during the previous year. Shipments from the elevators totalled 6,134,549 bushels so that the amount carried in store was gradually reduced from the previous season's average of about 13 million bushels. Stocks at July 31, 1944, were 10,572,740 bushels.

The following comparative statement shows the receipts at each elevator during the last two crop years:—

Elevator	1942-43	1943-44	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	1,781,660	1,607,947	173,713	.....
Saskatoon.....	369,456	904,295	.....	534,839
Calgary.....	512,125	625,834	.....	113,709
Edmonton.....	1,065,584	801,756	263,828	.....
Lethbridge.....	25,632	75,191	.....	49,559
Prince Rupert.....	171,777	Nil	171,777	.....
	3,926,234	4,015,023	609,318	698,107

Increase..... 88,789

There was no movement of grain into or out of the Prince Rupert elevator during the year, the amount in store remaining at 1,210,000 bushels during the entire period.

Up to the close of the crop year the Saskatoon elevator had taken 768,959 pounds of Sunflower Seed, of which only 45,000 pounds has been shipped. The Moose Jaw elevator, at the date of this report, has received 2,634,290 pounds of Sunflower Seed, all of which is still in store. Sunflower Seed is being accumulated at these two points so that it will be readily available for shipment to processing plants as and when it may be required.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

The buildings, machinery and trackage at all the elevators have been maintained in good condition, expenditures for this purpose being included in operating costs.

The work of replacing the deck of the wharf and supports of the shipping gallery at Prince Rupert was commenced during the crop year and was completed at the end of November. Creosoted timber was used in all this work. Nineteen boat loading spouts were removed, repaired where necessary, painted and replaced.

Major repairs and replacements at other points included the following items:—

BUILDINGS, ETC.

<i>Port Arthur</i> —	Repairs to face and top of concrete dock. Repairs to 7 boat loading spout booms.
<i>Calgary</i> —	6 Sky lights on roof replaced. Loading shed roof repaired.
<i>Edmonton</i> —	New concrete culvert installed under tracks. New concrete revetment wall and floor slab constructed at loading platform.

EQUIPMENT

<i>Port Arthur</i> —	3 Worn out lighting transformers replaced.
<i>Moose Jaw</i> —	2 Leg Belts replaced. 3 Chain Drives replaced.
<i>Saskatoon</i> —	1 Drier Boiler retubed.
<i>Edmonton</i> —	2 Flax cleaners not previously used were re-installed and 2 new Cyclones erected.

The following trackage replacements were made during the year:—

<i>Moose Jaw</i> —	200 Treated Track Ties. 3 Sets Treated Switch Ties.
<i>Saskatoon</i> —	1,000 Treated Track Ties 32 Treated Switch Ties.
<i>Calgary</i> —	150 Untreated Track Ties. 350 Treated Track Ties and 36 Treated Switch Ties.
<i>Edmonton</i> —	184 Treated Track Ties. 1 Set Treated Switch Ties.
<i>Lethbridge</i> —	360 Treated Track Ties. 168 Treated Switch Ties.

STAFFS

The staffs at all points were kept at a minimum of requirements. One permanent employee died during the year and one retired on account of ill-health and two temporary employees resigned. To fill these and other vacancies previously created one permanent employee was transferred from Calgary to Saskatoon, and four employees formerly on hourly rates were granted temporary status on salary rates.

Twelve employees who had been in the service for many years were granted permanent status.

FINANCIAL RESULTS OF OPERATION

Gross earnings for the fiscal year ended March 31, 1944, were, \$1,050,286.13 and expenditures \$387,819.76 leaving a surplus of \$662,466.37. This is a decrease of \$120,711.82 from a surplus of the previous fiscal year which is more than accounted for by the lower storage earnings due to the smaller volume of grain carried in store.

Following the procedure of former years no provision is made in the financial statements to cover depreciation of plants and equipment, but, as stated earlier in this report, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MANITOBA,
December 30, 1944.

Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1944.

The collection and study of samples of the new crops, in order to provide information for the Western Committee on Grain Standards, presented no difficulties in 1944. The quality characteristics of hard red spring wheat, durum wheat, barley and flax, were not much different from those of the preceding crops, though the protein levels were somewhat lower. It is now three years since Canada produced a wheat crop of high baking strength. But such crops are obtained only at the expense of yield and bushel weight, and a large crop was needed this year. Crop bulletins dealing with the quality and protein content of hard red spring wheat, durum wheat, barley, and flax, and a coloured protein map for spring wheat, were prepared for the 1944 crops. These would have been issued rather earlier than usual had it not been for difficulties in obtaining the customary prompt service for Hollerith tabulations and printings. In this connection it should be mentioned that the pre-harvest survey of protein content started last year was not effective this year, and it is apparent that further work is required to develop a satisfactory technique for obtaining earlier information on the protein content of each new crop.

Special studies undertaken at the request of the Chief Inspector included an extensive examination of "germ damaged" wheats, which had caused complaints in carlot shipments made to the United States. Professor J. R. Cavers of the University of Manitoba co-operated by making feeding trials with poultry. No evidence was obtained to support the claim that such wheat was injurious as a feed and should be classed a "sick wheat." A few other minor investigations, including boiling tests for peas, were also referred to the laboratory. As in previous years, assistance was given in the preparation of tentative standard samples and tentative export standard samples of bread and durum wheats, and supervision of moisture tests in all offices of the Inspection Branch was continued.

Studies of new varieties of bread wheat were continued in co-operation with the Associate Committee on Grain Research and the Northwest Crop Improvement Association. In order to re-establish contacts, and as a step towards the more comprehensive tests made in normal times, the former committee has undertaken a collaborative test of four new wheat varieties and two standard varieties with 25 Canadian, British, and United States cereal chemists. As in recent years, the laboratory has continued to provide the only service available in Canada for testing new varieties of durum wheat and malting barley. A special semi-commercial scale test of Carleton, a very promising new variety of durum wheat, was made and the results were published in *Scientific Agriculture*.

During the year the laboratory forwarded to the Board 39 reports, 11 of which were published. The published reports included the Annual Report of the Laboratory, four crop bulletins dealing with the quality and protein content of the hard red spring wheat, durum wheat, barley and flax, and six press releases giving preliminary information on the quality of these crops. In addition, nine

scientific papers have been published or are in press in original source journals. Four review papers were also prepared by request. Authors and titles of these papers are as follows:—

SCIENTIFIC PAPERS

- ANDERSON, J. A., MEREDITH, W. O. S., EVA, W. J. and HEISE, A. C. Oil seeds in Western Canadian Grain Screenings. *Can. J. Research, F.* 22:19-27. 1944.
- MEREDITH, W. O. S., EVA, W. J. and ANDERSON, J. A. Effect of variety and environment on some qualities of malted wheat flour. *Cereal Chem.* 21:233-240. 1944.
- MEREDITH, W. O. S., HLYNKA, K. and SALLANS, H. R. Laboratory Malting IV. A germination chamber for routine malting tests. *Cereal Chem.* 21:251-258. 1944.
- ANDERSON, J. A., NEATBY, K. W. and LEVI, I. A preharvest survey of the protein content of Western Canadian wheat of the 1943 crop. *Cereal Chem.* 21:283-295. 1944.
- EVA, W. J. and ANDERSON, J. A. The relations between Kjeldahl protein, Zeleny protein and loaf volume in Western Canadian wheats and flowers. *Cereal Chem.* 21: 560-566. 1944.
- AITKEN, T. R., FISHER, M. H. and ANDERSON, J. A. Effect of protein content and grade on Farinograms, Extensograms, and Alveograms. *Cereal Chem.* 21:465-488. 1944.
- AITKEN, T. R., FISHER, M. H. and ANDERSON, J. A. Reproducibility studies and some effects of technique on Extensograms and Alveograms. *Cereal Chem.* 21:489-498. 1944.
- SMALLMAN, B. N. and AITKEN, T. R. Susceptibility of biscuits to insect damage. *Cereal Chem.* 21:499-510. 1944.
- PETERSON, R. F. and MEREDITH, W. O. S. Agronomic and quality characteristics of Carleton durum wheat grown in the durum wheat area of Western Canada. *Sci. Agr.* (in press). 1944.

REVIEWS

- ANDERSON, J. A. Canadian research on malting barley. *Empire Jour. Exp. Agr.* (in press). 1944.
- ANDERSON, J. A. Factors related to the protein content of malting barley. *Wallerstein Laboratory Communications.* (in press). 1944.
- ANDERSON, J. A. The role of statistics in technical papers. *Trans. Amer. Assoc. Cereal Chem.* (in press). 1944.
- ANDERSON, J. A. The preparation of illustrations and tables. *Trans. Amer. Assoc. Cereal Chem.* (in press). 1944.

As an Annual Meeting of the American Association of Cereal Chemists was held in Minneapolis, four members of the staff attended, and five of the papers listed above were presented. The laboratory was also represented at the meetings of the Chemical Institute of Canada and the Royal Society of Canada. The writer continued to act as Secretary of the Associate Committee on Grain Research of the National Research Council, and was recently appointed Secretary of the Council's Prairie Regional Committee. In connection with the activities of the latter committee lectures on industrial utilization of farm crops were given in Winnipeg, Saskatoon, Edmonton, Regina, Brandon, and Carman. Several other lectures were given in Winnipeg, including two repetitions of the lecture on the quality of new crops prepared for presentation to the Western Committee on Grain Standards.

A detailed report of the work of the Grain Research Laboratory has been prepared. In accordance with past practice, it is recommended that this report be published separately, with the object of putting on record data on the quality of the more important Canadian grain crops, and progress reports of laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

Appendix No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR THE FISCAL
YEAR ENDING MARCH 31, 1944

(a) WINNIPEG—

Revenue—

Licence Fees.....		\$	30,917 00
Registration Fees.....	\$	14,293 46	
Cancellation Fees.....		16,517 46	
			30,810 92
Inspection Fees.....	262,197 12		
Samples Sold.....	10,599 68		
Cargo Certificate Splits.....	125 10		
Sampling Fees.....	471 90		
Refund Express.....	1,638 50		
Sundries.....	1,442 50		
			276,474 80
Appeal Fees.....			1,455 00
Weighing Fees.....	24,256 17		
Condition Reports.....	271 25		
			24,527 42
		\$	364,185 14

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	9,552 62
Licensing and Bonding.....	12,493 16

Rents—

Executive Office.....	3,226 80
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	2,224 73
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General Expenses—

Grain Commission.....	2,734 81
Licensing and Bonding.....	910 51

Printing and Stationery—

Grain Commission.....	1,217 61
Licensing and Bonding.....	2,028 46

Assistant Commissioner's Office—

Salaries.....	8,799 68
Rent.....	543 12
Travelling Expenses.....	413 31
General Expenses.....	162 01

81,981 26

Grain Research Laboratory—

Salaries.....	36,625 81
Rent.....	8,419 20
Travelling Expenses.....	316 48
General Expenses.....	7,847 02
Printing and Stationery.....	2,728 11

55,936 62

Registration Branch—

Salaries.....	14,102 28
Rent.....	1,381 44
General Expenses.....	355 21
Printing and Stationery.....	98 78
Travelling Expenses.....	136 60

16,074 31

Accounts—

Salaries.....	8,067 43
General Expenses.....	145 90
Printing and Stationery.....	549 34

8,762 67

Inspection Branch—

Salaries.....	285,942 31
Rent.....	15,848 60
Travelling Expenses.....	2,379 42
General Expenses.....	11,711 19
Printing and Stationery.....	3,082 76

318,964 28

Weighing Branch—

Salaries.....	36,175 89
Rent.....	1,282 92
General Expenses.....	486 85

37,945 66

GRAIN COMMISSION

53

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR ENDING MARCH 31, 1944—Continued

(a) WINNIPEG—Concluded			
Expenditure—Con.			
Grain Appeal Tribunal—			
Salaries.....	4,380 00		
Rent.....	369 12		
General Expenses.....	1,069 67		
		5,818 79	
Grain Standards Committee—			
Travelling Expenses.....	1,349 23		
General Expenses.....	1,500 00		
		2,849 23	
			528,332 82
(b) CHURCHILL—			
Expenditure—			
Inspection Branch—			
Travelling Expenses.....	493 30		
General Expenses.....	1 40		
		494 70	
Weighing Branch—			
Salaries.....	665 29		
Travelling Expenses.....	915 65		
		1,580 94	
			2,075 64
Revenue—			
Inspection Fees.....		740 22	
Weighing Fees.....		746 22	
			1,486 44
(c) KEEWATIN—			
Revenue—			
Weighing Fees.....		7,916 00	
			7,916 00
Expenditure—			
Salaries—Inspection Branch.....		3,164 14	
Salaries—Weighing Branch.....	5,076 24		
General Expenses.....	69 00		
		5,145 24	
			8,309 38
(d) SASKATOON—			
Revenue—			
Inspection Fees.....	6,953 39		
Samples Sold.....	344 78		
Sundries.....	0 50		
		7,298 67	
Weighing Fees.....		7,376 51	
			14,675 18
Expenditure—			
Assistant Commissioner's Office—			
Salaries.....	9,071 86		
Travelling Expenses.....	285 47		
General Expenses.....	72 49		
		9,429 82	
Inspection Branch—			
Salaries.....	14,451 72		
Rent.....	877 00		
General Expenses.....	496 09		
Printing and Stationery.....	44 32		
		15,869 13	
Weighing Branch—			
Salaries.....	11,052 23		
General Expenses.....	10 18		
		11,062 41	
			36,361 36
(e) MOOSE JAW—			
Revenue—			
Inspection Fees.....	7,666 01		
Samples Sold.....	404 78		
Sundries.....	12 50		
Sampling Fees.....	2 00		
		8,085 29	
Weighing Fees.....		8,201 24	
			16,286 53
Expenditure—			
Inspection Branch—			
Salaries.....	12,599 15		
Rent.....	900 00		
General Expenses.....	683 37		
Printing and Stationery.....	54 54		
		14,237 06	

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1944—Continued

(e) MOOSE JAW—Concluded

Expenditure—Con.

Weighing Branch—

Salaries.....	8,316 56	
General Expenses.....	27 87	
		8,344 43

(f) MEDICINE HAT—

Revenue—

Inspection Fees.....	4,166 00	
Samples Sold.....	355 18	
		4,521 18
Weighing Fees.....		4,429 07

8,950 25

Expenditure—

Inspection Branch—

Salaries.....	6,054 28	
Rent.....	240 00	
General Expenses.....	155 28	
Printing and Stationery.....	55 11	
		6,504 67

Weighing Branch—

Salaries.....	6,814 86	
General Expenses.....	7 24	
		6,822 10

(g) LETHERIDGE—

Revenue—

Inspection Fees.....	2,065 40	
Samples Sold.....	99 38	
Sundries.....	172 50	
		2,337 28
Weighing Fees.....		97 40

2,434 68

Expenditure—

Inspection Branch—

Salaries.....	6,995 70	
Travelling Expenses.....	1,206 29	
General Expenses.....	164 23	
		8,366 22

Weighing Branch—

Salaries.....	4,379 16	
General Expenses.....	82 00	
		4,461 16

(h) CALGARY—

Revenue—

Inspection Fees.....	13,678 40	
Samples Sold.....	716 76	
Refund Express.....	73 50	
Sundries.....	526 00	
		14,994 66
Weighing Fees.....		7,782 70

22,777 36

Expenditure—

Assistant Commissioner's Office—

Salaries.....	9,341 04	
Rent.....	828 00	
Travelling Expenses.....	296 91	
General Expenses.....	239 34	
Printing and Stationery.....	0 76	
		10,706 05

Inspection Branch—

Salaries.....	33,656 94	
Rent.....	3,001 00	
Travelling Expenses.....	86 53	
General Expenses.....	1,619 19	
Printing and Stationery.....	7 79	
		38,371 45

Weighing Branch—

Salaries.....	19,345 76	
Rent.....	314 04	
Travelling Expenses.....	223 35	
General Expenses.....	188 00	
		20,071 15

Grain Appeal Tribunal—

Salaries.....	702 00	
Rent.....	420 00	
General Expenses.....	83 50	
		1,205 50

70,354 15

GRAIN COMMISSION

55

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31 1944—Continued

PRINCE RUPERT—

Expenditure—

Inspection Branch—

Travelling Expenses..... 344 00

Weighing Branch—

Salaries..... 1,961 04

Travelling Expenses..... 522 30

2,483 34

2,827 34

EDMONTON—

Revenue—

Inspection Fees..... 13,241 48

Samples Sold..... 366 77

Refund Express..... 64 50

Sundries..... 113 50

13,786 25

Weighing Fees..... 3,187 26

Appeal Fees..... 738 00

17,711 51

Expenditure—

Inspection Branch—

Salaries..... 39,850 57

Rent..... 3,834 00

General Expenses..... 1,657 46

Printing and Stationery..... 127 36

45,469 39

Weighing Branch—

Salaries..... 8,031 42

Printing and Stationery..... 7 50

General Expenses..... 98 56

8,137 48

Grain Appeal Tribunal—

Salaries..... 4,701 96

Rent..... 510 00

General Expenses..... 600 21

5,812 17

59,419 04

VANCOUVER—

Revenue—

Inspection Fees..... 19,116 97

Samples Sold..... 659 58

19,776 55

Weighing Fees..... 29,726 47

Registration Fees..... 560 95

Cancellation Fees..... 833 49

1,394 44

50,897 46

Expenditure—

Inspection Branch—

Salaries..... 53,244 54

Rent..... 4,239 00

Travelling Expenses..... 32 40

General Expenses..... 1,498 07

Printing and Stationery..... 95 07

59,109 08

Weighing Branch—

Salaries..... 54,070 81

Rent..... 1,659 00

General Expenses..... 766 57

Printing and Stationery..... 3 90

56,500 28

Expenditure—

Registration Branch—

Salaries..... \$ 4,619 16

Rent..... 1,092 00

General Expenses..... 169 68

5,880 84

121,490 20

FORT WILLIAM—

Revenue—

Inspection Fees..... 390,170 62

Samples Sold..... 10,861 53

Cargo Certificate Splits..... 16 40

401,408 55

Weighing Fees..... 584,425 67

985,474 22

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1944—Continued

(l) FORT WILLIAM—Concluded

Expenditure—

Inspection Branch—

Salaries.....	374,816 88	
Rent.....	12,176 88	
Travelling Expenses.....	2,411 01	
General Expenses.....	7,779 27	
Printing and Stationery.....	3,030 04	
		400,214 08

Weighing Branch—

Salaries.....	265,670 83	
Rent.....	2,851 68	
Travelling Expenses.....	6,655 57	
General Expenses.....	2,388 57	
Printing and Stationery.....	2,040 70	
		279,607 35

Assistant Commissioner's Office—

Salaries.....	9,012 65	
Rent.....	540 00	
General Expenses.....	198 55	
		9,751 20

Statistical Branch—

Salaries.....	41,503 45	
Rent.....	3,285 00	
Travelling Expenses.....	99 45	
General Expenses.....	2,153 39	
Printing and Stationery.....	1,691 02	
		48,732 31

738,302

(m) TORONTO—

Revenue—

Inspection Fees.....	812 33	
Sampling Fees.....	35 00	
Samples Sold.....	16 57	
Cargo Certificate Splits.....	4 10	
		868 00
Weighing Fees.....		963 39
		1,831 39

Expenditure—

Inspection Branch—

Salaries.....	5,141 04	
Rent.....	540 00	
Travelling Expenses.....	218 80	
General Expenses.....	245 05	
		6,144 89

Weighing Branch—

Salaries.....	963 39	
General Expenses.....	9 50	
		972 89

7,114

(n) MONTREAL—

Revenue—

Inspection Fees.....	\$ 721 83	
Sampling Fees.....	2,487 73	
Samples Sold.....	183 98	
Cargo Certificate Splits.....	673 20	
		4,066 74
Registration Fees.....	2,783 29	
Cancellation Fees.....	2,928 94	
		5,712 23
Weighing Fees.....		998 63
		10,777 60

Expenditure—

Inspection Branch—

Salaries.....	36,687 81	
Rent.....	1,940 04	
Travelling Expenses.....	4,513 67	
General Expenses.....	854 63	
Printing and Stationery.....	127 30	
		44,123 45

Weighing Branch—

Salaries.....	3,083 75	
Rent.....	480 00	
Travelling Expenses.....	425 75	
General Expenses.....	230 27	
Printing and Stationery.....	346 78	
		4,566 55

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1944—*Concluded*

<i>MONTREAL—Concluded</i>			
<i>Expenditure—Con.</i>			
Registration Branch—			
Salaries.....	6,116 67		
Rent.....	420 00		
General Expenses.....	343 68		
Printing and Stationery.....	134 37		
		7,014 72	
			55,704 72
<i>CHATHAM—</i>			
<i>Revenue—</i>			
Inspection Fees.....	792 70		
Samples Sold.....	171 06		
Sampling Fees.....	1,601 60		
		2,565 36	
			2,565 36
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....	7,990 04		
Rent.....	420 00		
Travelling Expenses.....	1,981 69		
General Expenses.....	286 09		
Printing and Stationery.....	98 23		
		10,776 05	
			10,776 05
<i>VICTORIA—</i>			
<i>Revenue—</i>			
Inspection Fees.....		1,079 68	
Weighing Fees.....		1,148 68	
			2,228 36
<i>Expenditure—</i>			
Inspection Branch—			
Salaries.....	2,992 07		
General Expenses.....	5 50		
		2,997 57	
Weighing Branch—			
Salaries.....	2,538 12		
Travelling Expenses.....	37 40		
		2,575 52	
			5,573 09
<i>KENORA—</i>			
<i>Revenue—</i>			
Weighing Fees.....		484 21	
			484 21
<i>Expenditure—</i>			
Weighing Branch—			
Salaries.....	\$ 471 21		
Travelling Expenses.....	29 55		
General Expenses.....	1 50		
		502 26	
			502 26

STATEMENT OF REVENUE COLLECTED AND REMITTED UNDER THE PRAIRIE
FARMERS ASSISTANCE ACT FOR FISCAL YEAR 1943-44

Period	Amount Collected	1% Levy	Penalties
r. 29/43-May 29/43.....	164,041 40	164,041 40	
y 30/43-June 28/43.....	218,055 64	218,055 64	
ce 29/43-July 28/43.....	321,369 39	321,369 39	
y 29/43-Aug. 28/43.....	303,929 20	303,926 96	2 24
g. 29/43-Sept. 28/43.....	278,031 69	278,031 26	0 43
ot. 29/43-Oct. 28/43.....	268,727 74	268,727 54	0 20
t. 29/43-Nov. 28/43.....	290,696 90	290,696 90	
v. 29/43-Dec. 28/43.....	556,743 34	556,743 34	
c. 29/43-Jan. 29/44.....	465,101 64	465,101 64	
t. 30/44-Feb. 26/44.....	392,919 85	392,919 85	
b. 27/44-Mar. 29/44.....	320,999 30	320,999 30	
	\$ 3,580,616 09	\$ 3,580,613 22	\$ 2 87

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Winnipeg.....	276,474 80	24,527 42	1,455 00	30,810 92	30,917 00					364,185 14
Keewatin.....		7,916 00								7,916 00
Saskatoon.....	7,298 67	7,376 51								14,675 18
Moose Jaw.....	8,085 29	8,201 24								16,286 53
Medicine Hat.....	4,521 18	4,429 07								8,950 25
Lethbridge.....	2,337 28	97 40								2,434 68
Calgary.....	14,994 66	7,782 70								22,777 36
Edmonton.....	13,786 25	3,187 26	738 00							17,711 51
Vancouver.....	19,776 55	29,726 47		1,394 44						50,897 46
Fort William.....	401,048 55	584,425 67								985,474 22
Toronto.....	868 00	963 39								1,831 39
Montreal.....	4,066 74	998 63		5,712 23						10,777 60
Chatham.....	2,565 36									2,565 36
Victoria.....	1,079 68	1,148 68								2,228 36
Kenora.....		484 21								484 21
Churchill.....	740 22	746 22								1,486 44
	757,643 23	682,010 87	2,193 00	37,917 59	30,917 00					1,510,681 69

GRAIN COMMISSION

59

EXPENDITURE

Winnipeg.....	318,964 28	37,945 66	5,818 79	16,074 31	81,981 26	8,762 67	55,936 62	2,849 23	528,332 82
Churchill.....	494 70	1,580 94							2,075 64
Keewatin.....	3,164 14	5,145 24							8,309 38
Saskatoon.....	15,869 13	11,062 41			9,429 82				36,361 36
Moose Jaw.....	14,237 06	8,344 43							22,581 49
Medicine Hat.....	6,504 67	6,822 10							13,326 77
Lethbridge.....	8,366 22	4,461 16							12,827 38
Calgary.....	38,371 45	20,071 15	1,205 50		10,706 05				70,354 15
Edmonton.....	45,469 39	8,137 48	5,812 17						59,419 04
Vancouver.....	59,109 08	56,500 28		5,880 84					121,490 20
Fort William.....	400,214 08	279,607 35			9,751 20	48,732 31			738,304 94
Toronto.....	6,144 89	972 89							7,117 78
Montreal.....	44,123 45	4,566 55		7,014 72					55,704 72
Chatham.....	10,776 05								10,776 05
Victoria.....	2,997 57	2,575 52							5,573 09
Prince Rupert.....	344 00	2,483 34							2,827 34
Kenora.....		502 26							502 26
	975,150 16	450,778 76	12,836 46	28,969 87	111,868 33	48,732 31	55,936 62	2,849 23	1,695,884 41

Total Expenditure.....\$ 1,695,884 41

Total Revenue.....1,510,681 69

Net Deficit.....\$ 185,202 72

SUMMARY OF OPERATION BY BRANCHES

REVENUE

—	Inspection		Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	723,402	15	681,739	62	2,193	00	37,917	59	30,917	00									1,476,169	36
Sampling.....	4,598	23																	4,598	23
Express Charges.....	1,776	50																	1,776	50
Cargo Splits.....	818	80																	818	80
Samples Sold.....	24,780	05																	24,780	05
Condition Reports.....			271	25															271	25
Sundries.....	2,267	50																	2,267	50
	757,643	23	682,010	87	2,193	00	37,917	59	30,917	00									1,510,681	69

EXPENDITURE

Salaries.....	883,587	19	428,616	56	9,783	96	24,838	11	94,891	01	41,503	45	8,067	43	36,625	81			1,527,913	52
Rents.....	44,016	52	6,587	64	1,299	12	2,893	44	6,192	36	3,285	00			8,419	20			72,693	28
Travel.....	13,667	11	8,809	57			136	60	3,220	42	99	45			316	48	1,349	23	27,598	86
Expenses.....	27,156	82	4,298	59	1,753	38	868	57	4,316	84	2,153	39	145	90	7,847	02	1,500	00	50,040	51
Printing and Stationery.....	6,722	52	2,466	40			233	15	3,247	70	1,691	02	549	34	2,728	11			17,638	24
	975,150	16	450,778	76	12,836	46	28,969	87	111,868	33	48,732	31	8,762	67	55,936	62	2,849	23	1,695,884	41

Net Deficit.....\$185,202 72

Appendix No. 10

REGULATIONS OF THE BOARD

During 1944 Regulations Nos. 22, 42, 43 and 48 were amended, and Regulations Nos. 38 and 40 were further amended and consolidated.

The Regulations of the Board in effect at 31st December, 1944, are as follows:—

- No. 1—Registration and Cancellation of Terminal Warehouse Receipts.
- 4—Inspection of Samples taken other than at an Inspection Point.
- 11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
- 14—Construction of Elevators.
- 21—Cleaning Grain and Bins.
- 22—Fees.
- 23—Form of Terminal Warehouse Receipt.
- 35—Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
- 36—Delivery of Grain to Ocean Vessels at Montreal.
- 37—Maximum Tariff of Charges and Shrinkage Allowance for Licensed Country Elevators.
- 38—Maximum Tariff of Charges—Terminal Elevators at Fort William-Port Arthur and Winnipeg.
- 39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
- 40—Maximum Tariff of Charges—Terminal Elevators West of Calgary.
- 41—Maximum Tariff of Charges at the Terminal Elevator at Churchill, Manitoba.
- 42—Maximum Tariff of Charges for Handling Grain at Eastern Elevators.
- 43—Procedure—Country Elevators.
- 44—Drying of Grain.
- 45—Records, Reports and Returns.
- 46—Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
- 47—Inspection of Grain at The Pas, Manitoba.
- 48—Names and Definitions of "Off Grades" for Western Grain.
- 49—Names and Definitions of "Off Grades" for Eastern Grain.
- 50—Names and Definitions of Grades for Screenings.
- 51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.
- 52—Binning of Tough Wheat with Straight Grade Wheat.
- 53—Enforcement of Lien by Sale of Grain.
- 54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
- 55—Delivery of grain to Ocean Vessels at West St. John, New Brunswick.
- 56—Inspection of Grain, Lethbridge and Coutts, Alberta.
- 57—Delivery of Grain to Ocean Vessels at East St. John, New Brunswick.
- 58—Delivery of Grain to Ocean Vessels at Halifax, Nova Scotia.
- 59—Maximum Tariff of Charges for Handling Sunflower Seed at Licensed Elevators.

81 DA 12
56

Grain Commission

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
M. W. MACKENZIE

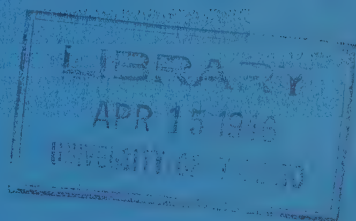
ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1945



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1946

Price 25 cents

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

HON. JAMES A. MacKINNON, M.P.

Deputy Minister

M. W. MACKENZIE

ANNUAL REPORT

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TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Elevator Charges.....	6
Lake Freight Rates.....	6
Audit of Stocks—Terminal and Eastern Elevators.....	6
Entomological Investigations.....	7
War Risk Insurance on Grain.....	7
Assistant Commissioners.....	8
Explosion—Port Arthur.....	8
Registration of Warehouse Receipts.....	8
Canadian Government Elevators.....	8
Grades for Barley.....	8
Committees on Grain Standards.....	9
Wheat Bonus.....	9
The Prairie Farm Assistance Act 1939.....	9
Personnel.....	9
Expenditures and Revenues.....	10
APPENDICES:	
No. 1—Report of Secretary.....	11
(a) Complaints.....	11
(b) Prosecutions.....	12
(c) Defaults.....	12
(d) Cars out of turn.....	12
(e) Receipt of Wheat into Country Elevators from Railway Cars....	12
(f) Report of Warehouseman.....	12
(g) Summary of Licences for Forty Years.....	15
(h) Grain-Loading Platforms.....	16
(i) Prairie Farm Assistance Act—One Percent Levy.....	16
(j) Statistics.....	16
(k) Annual Weighover—Terminal Elevators.....	25
2—Personnel—Committees on Grain Standards.....	31
3—Personnel—Grain Appeal Tribunals.....	32
4—Report of Registrar.....	33
5—Report of Chief Grain Inspector.....	35
6—Report of Chief Grain Weighmaster.....	44
7—Report of General Manager, Canadian Government Elevators.....	49
8—Report of Chief Chemist.....	52
9—Report of Revenue and Expenditure.....	54
10—Regulations of the Board.....	63

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 28, 1946.

Honourable JAMES A. MacKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1945, in compliance with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

Crop conditions generally throughout Canada in 1945 were much less favourable than in the previous year, resulting in reduced production of all grains.

The estimated acreage sown to wheat in Canada in 1945 was slightly in excess of the acreage sown in 1944—23,414,100 acres as compared with 23,284,200 acres, but the estimated yield showed a decline from 435 million bushels in 1944 to 308 million bushels in 1945.

The estimated acreage sown to oats was 14,393,200 acres compared with 14,315,000 acres in 1944, with an estimated yield, however, of 121 million bushels less than in 1944—378 million bushels as compared with 499 million bushels.

The estimated barley acreage was approximately the same as in the previous year—7,350,000 acres in 1945 and 7,290,700 acres in 1944, but the estimated production in 1945 was 38 million bushels less—156 million bushels compared with 194 million bushels.

The estimated acreage sown to rye in 1945 decreased from 647,950 acres in 1944 to 487,100 acres, with reduced production of 5,963,000 bushels as compared with 8,526,000 bushels in 1944.

The acreage sown to flaxseed continues to decrease, only an estimated 1,059,200 acres being seeded in 1945 as compared with 1,323,100 acres in 1944. Production is estimated at 7,432,000 bushels in 1945 as compared with 9,668,000 bushels in the previous year.

As at July 31, 1945, the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to only 366 million bushels as compared with 498 millions in 1944, and with reduced production the question of storage, which was a matter of grave concern during the preceding years, now presents no problem.

The amount of grain shipped from the Lakehead during the 1945 season of navigation—483.7 million bushels—exceeded the record movement of 456 million

bushels in 1944 and at the end of December, 1945 there was only approximately 36 million bushels of grain in store at the Head of the Lakes. All stocks have been shipped out of the temporary terminal annexes and some of these buildings are now being demolished.

With the cessation of hostilities shipments from Pacific Ports have increased appreciably. During the crop year ended July 31, 1945, 7,750,820 bushels of wheat were shipped and of this total over four million bushels were shipped in the months of June and July. During the first five months of the present crop year shipments of wheat amount to over 24 million bushels.

ELEVATOR CHARGES

The usual public meetings to hear representations regarding the maximum tariffs of elevator charges to be fixed by the Board for the crop year commencing August 1, 1945, were held by the Board at Vancouver, Winnipeg and Toronto in June and July, 1945.

The maximum charges fixed by the Board provided for an increase in the maximum storage rate at country and terminal elevators from one-fiftieth of one cent (1/50c.) per bushel per day to one forty-fifth of one cent (1/45c.) per bushel per day. The allowance for invisible loss and shrinkage at terminal elevators was increased on rye from fifty-six (56) pounds per car to seventy (70) pounds per car and on flax from fifty-six (56) pounds per car to eighty (80) pounds per car.

The maximum cleaning charges at terminal elevators on rye were made the same as for wheat and oats and the returns for dockage were also changed to be the same as on wheat, except that the allowance for waste to be deducted from such returns from rye was fixed at one per cent (1%) as against one-half of one per cent ($\frac{1}{2}\%$) in the case of wheat.

The allowance for waste on returns of dockage from flax was increased from one per cent (1%) to two per cent (2%).

LAKE FREIGHT RATES

The maximum rates fixed by the Board in June, 1941, under the provisions of the Inland Water Freight Rates Act, for the carriage of wheat from Fort William and Port Arthur to Bay Ports, Goderich, Sarnia, Port Colborne, Kingston, Prescott, Montreal and other St. Lawrence Ports, with increased rates in the month of December on account of increased insurance costs, remained in effect throughout the 1945 season of navigation, except that the maximum rate on export wheat transferred at Sarnia, Port Colborne, Humberstone, Kingston, Prescott or Toronto was increased by three-quarters of one cent ($\frac{3}{4}$ c.) per bushel allowable only to the operator of the canal steamer.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

Of the ten terminal elevators at the Head of the Lakes not weighed over in 1944 it was only possible to weigh over three before the opening of navigation in 1945. The stocks of grain in the remaining seven elevators were estimated.

The reduction in stocks of grain in store at the Head of the Lakes at the close of navigation in December, 1945, provided a good opportunity for auditing the stocks in store in the terminal elevators at Fort William and Port Arthur and at the end of 1945 the audit of the stocks in all these elevators except one had been completed or was under way. While all the statements of the results of these audits have not yet been completed, up to the present no excess as defined in Section 138 of the Canada Grain Act has been disclosed.

The stocks in store at the Canadian Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Edmonton, Calgary, Lethbridge and Prince Rupert have been audited during 1945 but no excess was disclosed.

As there has been no movement of grain either into or out of the semi-public terminal elevator at Churchill, Manitoba, operated by the National Harbours Board, the stocks were again estimated in September, 1945.

Of the eight semi-public terminal elevators in British Columbia five have been audited during the year, and at one elevator a small excess was disclosed for which settlement was made to the Board in the amount of \$62.11. Of the other three elevators, the stocks in one were estimated in June, 1945, but the audit of the stocks in the other two has been deferred under the provisions of Order in Council P.C. 8892 dated November 18, 1943.

Of the thirty-one Eastern Elevators only thirty were licensed for the Crop Year 1944-45 and of these the stocks in twenty-four were weighed over. Overages in excess of one-quarter of one per cent were disclosed at one elevator and a demand has been made on the licensee for settlement to the Board in respect thereof in the amount of \$1,975.99. The stocks of grain in store in the other six elevators were estimated in accordance with the provisions of Order in Council P.C. 5298 dated 2nd of October, 1940.

ENTOMOLOGICAL INVESTIGATIONS

During 1945 the Board, in co-operation with the Dominion Division of Entomology, has continued to afford an entomological service to the grain trade for the purpose of supplying advice and assistance in the control of insect infestations in stored grain. The trade submitted about 700 samples for examination and the companies concerned were advised of suitable control measures. A four-day short course for terminal elevator personnel was held at Toronto, Montreal, Fort William and Vancouver and was attended by 229 men, representing 82 terminal elevators and other organizations interested in problems of grain storage. During the year, a circular on grain storage was issued to farmers, a 25-page bulletin was prepared for terminal elevator personnel, four papers were published in scientific and trade journals and eleven reports were submitted to the Board and the Division of Entomology.

Fewer infestations were reported in 1945 than in any other year since 1940. In Western Canada this reduction was largely a result of the movement of grain out of emergency storage. In the Bay Port elevators, the development and application of suitable control measures has reduced the number of infested bins by 73 per cent over the past three years. Over this period the greatest improvement occurred this year following the short course for key personnel from these elevators.

WAR RISK INSURANCE ON GRAIN

The accounts covering the collection of the levy for War Risk Insurance on grain, which was in effect from December 1, 1942 to December 15, 1944, were closed early in the year.

Total collections by the Board amounted to \$1,597,937.85 but of this \$27,338.94, on account of reduction in rates effective September 1, 1943, and \$66,606.82, on account of outstanding advances of levy at the close of the scheme, were refunded to licensees, making net receipts of the levy \$1,503,992.09.

Interest on advances of levy was paid to licensees in the amount of \$7,620.63, so that the net receipts under the scheme were \$1,496,371.46.

ASSISTANT COMMISSIONERS

The continuance of personal contact by the Assistant Commissioners with producers and licensees of the Board at country points, together with good prices, has tended to reduce the number of complaints requiring investigation during 1945 but the services of these officials continue to be a vital factor in the administration of the Canada Grain Act. During the year under review they have investigated a large number of applications for the opening of car order books at points where the railway companies do not maintain agents. They have also checked the operation of the car order books where evidence of irregularity in operation existed.

EXPLOSION—SASKATCHEWAN POOL TERMINAL NO. 5. PORT ARTHUR

A dust explosion and fire at the Saskatchewan Pool Terminal No. 5, Port Arthur on August 7, 1945 caused the death of 22 employees and burns and other injuries to 34 employees. Seven members of the Board's inspection and weighing staffs were working at this elevator at the time of the explosion and of these, three were killed instantly; one died as a result of injuries received, one suffered severe burns and the other two were slightly injured.

At the inquest the jury returned a verdict that the fatalities were caused by a dust explosion, the immediate cause of which is unknown. The jury made certain recommendations regarding structural improvements and additional equipment with a view to reducing the hazards of such an explosion.

The Ontario Provincial Government, under its Factory, Shop and Office Building Act, has under consideration proposed regulations for the prevention of dust explosions in grain elevators and the Board is keeping in touch with all developments.

REGISTRATION OF WAREHOUSE RECEIPTS

The manager of a licensed semi-public terminal elevator at Fort William, having failed to comply with the provisions of Section 4 of the Board's Regulation No. 1 in respect to the submission, for registration for cancellation within forty-eight hours after the shipment thereof, of registered warehouse receipts for shipments of barley, the Board, after formal investigation under the provisions of Section 9 of the Canada Grain Act, 1930, imposed a penalty of Two Hundred Dollars (\$200.00) under the provisions of Section 81 of the Canada Grain Act, 1930. This penalty was duly paid to the Board.

CANADIAN GOVERNMENT ELEVATORS

The storage space in these elevators at Moose Jaw, Saskatoon, Calgary, Edmonton, Lethbridge and Prince Rupert, totalling 18,350,000 bushels, has continued during the past year to be in fair demand, total receipts during the crop year ended July 31, 1945 being 8,788,000 bushels and shipments 9,795,744 bushels. All the grain that was in store in the Prince Rupert Elevator has been shipped out and the stocks in store at the other elevators at December 28, 1945 totalled 6,791,311 bushels.

GRADES FOR BARLEY

Effective August 1, 1945 changes in the specifications of the Canada Western Barley grades eliminated all yellow smooth-awn varieties from the statutory grade of No. 3 C.W. Six-row Barley and the smooth-awn varieties "Sanalta" and "Rex" from the statutory grades of No. 1 C.W. Two-row and No. 2 C.W. Two-row Barley. Two commercial grades, Nos. 2 and 3 C.W. Yellow, were established for the yellow smooth-awn varieties.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1945-46 were constituted by the Board in accordance with Section 25 of the Canada Grain Act, 1930.

The Western Committee was convened in Winnipeg on October 23, 1945 and the Eastern Committee at Toronto on November 20, 1945.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$10.45 were redeemed during the past year. Outstanding certificates still remain in the amount of \$7,776.63.

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one per cent (1%) of the net value of grain marketed in the three western provinces. During the crop year ended July 31, 1945, the sum of \$5,385,602.94 was collected, making total collections since the inception of this scheme on August 1, 1939, to July 31, 1945, of \$19,293,317.87.

PERSONNEL

Owing to the loss of trained personnel to the Armed Forces, the lack of qualified replacements and the exceptionally large volume of grain moved, the continued efficient operation of the services required to be provided by the Board has, especially during the last three years, placed a heavy strain on the staff. A number of employees have been retained beyond the normal retiring age but these are now being released.

We are pleased to place on record our appreciation of the very real contribution to Canada's War Effort made by the staffs of this Board.

In addition to their other duties, Mr. W. H. Blatchford, Assistant Commissioner at Calgary, Mr. F. J. Rathbone, Assistant Commissioner at Fort William, and Mr. John Rayner, Secretary of the Board, acted as Chairmen of the Dominion Public Service Section of the National War Finance Committee at Calgary, Fort William and Winnipeg, respectively.

Commissioner D. A. MacGibbon acted as a member of the Royal Commission on the Taxation of Annuities and Family Corporations, from December, 1944, to March, 1945.

We regret to record the retirement from the service, on account of ill health, of Mr. E. A. Ursell at the age of 61 years after 36 years of untiring, faithful service. He was in charge of the Statistics Branch of the Board for 29 years during which time he built up an enviable reputation for the completeness and accuracy of Canadian grain statistics.

Other senior members of the Board's staffs lost to the Board during 1945, after long years of efficient service, are:

Mr. E. E. Gordon, Head Clerk in the Inspection Branch, Winnipeg, retired at the age of 68 after 40 years' service;

Mr. H. C. George, Grain Weighmaster, Port Arthur, retired on account of ill health at the age of 63, after 35 years' service;

Mr. W. Taft, Grain Inspector in Charge, Calgary, deceased after 34 years' service;

Mr. George Brown, Grain Weighmaster, Vancouver, retired at the age of 68, after 21 years' service;

Mr. Harry Hayward, Grain Weighman in Charge, Montreal, deceased, after 19 years' service.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1944-45, exclusive of the Canadian Government Elevators, was \$1,809,881.48, compared with \$1,695,884.41 the previous fiscal year. Revenue for the fiscal year 1944-45 was \$1,886,587.30, compared with \$1,496,564.63 for the previous fiscal year, an increase of \$390,022.67.

For the first nine months of the current fiscal year the total expenditure was \$90,892.56 more than in the corresponding period in the previous fiscal year, while the revenue for the same period shows an increase of \$138,907.26.

Reports of the various departments of the Board are attached hereto as appendices, for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MAN.,
January 21, 1946.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the year 1945:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued during past Twenty Years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per Cent Levy.
- (j) Statistics.
- (k) Annual Weighover—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1945, the Board investigated twenty-six (26) complaints, including five (5) outstanding at December 31, 1944, regarding the handling of grain at country elevators, shipments to terminal elevators, and the operations of licensees under the Canada Grain Act, as follows:

Manitoba.....	6
Saskatchewan.....	9
Alberta.....	6
Outstanding at December 31, 1944.....	5
	<hr/> 26

These were disposed as follows:

No grounds for complaint.....	7
Settlement effected.....	11
Outside jurisdiction of Board.....	1
Licensee warned.....	1
Prosecutions instituted.....	3
Not yet disposed of.....	3
	<hr/> 26

MISCELLANEOUS COMPLAINTS

Ten (10) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These, together with one complaint outstanding at December 31, 1944, were disposed of as follows:

Complaint withdrawn.....	3	
No grounds for complaint.....	3	
Settlement effected.....	2	
Settlement ordered.....	1	
Penalty ordered by Board.....	1	
Not yet disposed of.....	1	11

EXPORT SHIPMENTS

Five (5) complaints in respect to overseas shipments were received during the year ended December 31, 1945, and these were disposed of as follows:

No grounds for complaint.....	4	
Outside jurisdiction of Board.....	1	5

(b) PROSECUTIONS

During the year under review seven (7) prosecutions were instituted by the Board for breaches of the provisions of the Canada Grain Act. Convictions were obtained in each case, the defendants being fined \$5.00, \$3.00, \$4.00, \$4.00, \$5.00, \$5.00 and \$5.00 respectively.

(c) DEFAULTS

There were no defaults during the year 1945.

(d) CARS OUT OF TURN

During the year 1945 out-of-turn cars were ordered by the Board under the provisions of Section 68 of the Canada Grain Act as follows:

Grain out of condition.....	227 cars	
Elevators in danger of collapse.....	34 cars	
		261 cars

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107 (a) of the Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of one hundred and sixty-one (161) cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1944-45.

During the season which commenced on August 1, 1944, and ended on July 31, 1945, one hundred and thirty-six (136) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Five thousand, seven hundred and forty-eight (5,748) applications for licences to operate were received and five thousand, seven hundred and twenty-nine (5,729) licences were issued. Fourteen (14) licences were transferred and five (5) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	29		29	
Commission Merchants.....	36		36	
Grain Dealers.....	14		14	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	37		37	1
Private Terminal Elevators.....	8		8	
Eastern Elevators.....	30		30	
Mill Elevators.....	40	1	39	
Private Country Elevators.....	6		6	
Public Country Elevators.....	5,527	3	5,524	13
Transfers.....	15	1		
	5,748	5	5,729	14

In addition to the above applications for regular elevator licences, the Board also received five hundred and thirteen (513) applications for authority to operate off-site buildings as "Special Annexes" under authority of Order in Council P.C. 4215. Seven (7) of the applications were rejected and/or withdrawn and five hundred and six (506) authorities to operate were granted. No fee was required from the applicants but they were required to deposit with the Board surety bonds to cover their operations at these off-site buildings.

At December 1, 1944, there were 5,765 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,735 in the Western Division and 30 in the Eastern Division; of these, 5,644 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions."

The total licensed storage capacity as at July 31, 1945, was 597,763,690 bushels; elevators proper and permanent annexes comprising 427,185,420 bushels; temporary annexes 161,222,350 bushels and special annexes 9,355,920 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reasons stated hereunder:—

Public Country Elevator
Licence No. 1092

National Grain Company Limited, of Winnipeg, Manitoba; elevator at Borden, Saskatchewan; cancelled November 28, 1944; elevator destroyed by fire on August 22, 1944.

Public Country Elevator
Licence No. 2243

United Grain Growers Limited, of Winnipeg, Manitoba; elevator at Volmer, Alberta; cancelled May 9, 1945; elevator destroyed by fire on May 8, 1945.

Public Country Elevator
Licence No. 3435

Lake of the Woods Milling Company Limited, of Montreal, Quebec; elevator at Regent, Manitoba; cancelled October 31, 1944; elevator destroyed by fire on August 13, 1944.

*Public Country Elevator
Licence No. 4768*

Saskatchewan Pool Elevators Limited, of Regina, Saskatchewan; elevator at Outlook, Saskatchewan; cancelled November 17, 1944; elevator destroyed by fire on said date.

Thirteen (13) Country Elevator licences were suspended by the Board at various times throughout the crop year, owing to certain repairs being necessary to the elevators to maintain them in a fit and proper condition to store grain. The repairs were made in due course and all licences reinstated.

Licence fees collected amounted to \$30,300.00; of this amount \$16.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$27,081,402.65 were executed by fourteen (14) of the approved surety companies and were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees; in addition, four (4) licensees deposited negotiable Government bonds with a par value of \$20,500.00 in lieu of furnishing the usual forms of surety bonds; \$1,373,500.00 of this security was to cover the grain stored in "Special Annexes".

No changes occurred in the permanent staff of this Branch during the season of 1944-45. It was, however, necessary to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under The Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,
Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1928-29 to 1944-45

Kind	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1928- 1929	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	5,153	3,577	1,972	1,099
Private Country Elevators.....	6	6	6	6	6	6	7	13	11	12	13	14	9	12	385	398	309			
Public Terminal Elevators.....	6	6	6	6	6	6	5	3	6	6	7	7	9	10	8	11	10	17	**34	**10
Semi-Public Terminal Elevators..	37	38	39	39	39	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Private Elevators)				
Private Terminal Elevators.....	8	8	8	9	10	13	38	40	39	36	37	37	38	37	40	176	180	120		
Eastern Elevators.....	30	31	30	30	31	30	29	29	29	31	31	30	29	28	29	120	120	118		
Mill Elevators.....	39	38	35	34	38	38	15	17	15	19	19	21	22	26	25	*27	*18			
Elevator Space.....																1	1	7	58	
Track Buyers.....	29	31	31	31	33	36	38	40	40	41	46	51	64	57	48	62	82	156	123	
Commission Merchants.....	36	39	38	38	39	43	47	47	48	51	56	61	63	64	57	71	90	126	84	
Grain Dealers.....	14	15	17	18	21	24	23	19	17	24	25	20	15	75	3	3	2			
Total number issued.....	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	5,765	3,921	2,271	1,109

†Licensed as Private Elevators.

*Licensed as Public Elevators.

*Licensed as Manufacturing Elevators.

**Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1945, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	611	1,593
Saskatchewan.....	1,286	2,808
Alberta.....	728	1,454
British Columbia.....	44	88
Ontario.....	16	33
Total as at December 1, 1945.....	2,685	5,976

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

AMOUNTS COLLECTED ON GRAIN PURCHASED DURING PERIOD AUGUST 1, 1944, TO JULY 31, 1945

	Wheat		Oats		Barley		Rye		Total Levy
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$ cts.		\$ cts.		\$ cts.		\$ cts.	\$ cts.
Manitoba.....	41,989,518	512,873 67	18,715,074	80,909 75	24,622,978	158,368 87	250,629	2,214 07	754,366 36
Saskatchewan.	219,696,458	2,617,674 71	78,447,795	342,505 84	37,041,349	230,796 39	3,009,853	27,595 29	3,218,572 23
Alberta.....	91,833,584	1,172,652 81	36,509,037	150,664 33	14,001,461	80,694 28	900,999	8,405 89	1,412,417 31
	353,519,560	4,303,201 19	133,671,906	574,079 92	75,665,788	469,859 54	4,161,481	38,215 25	5,385,355 90
									Adjustments not Allocated..... 230 71
									5,385,586 61
									Collections 1st August, 1939, to 31st July, 1944..... 13,907,731 26
									Total Collections..... 19,293,317 87

(j) STATISTICS

FORT WILLIAM, ONT.,
January 24, 1946.

The Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the crop year 1944-45. The grain crops of Canada harvested in 1944 showed an appreciable increase over those of the previous year. The final official estimate indicated a crop of wheat totalling 410,600,000 bushels was harvested in the Prairie Provinces, and the total for all Canada was 435,535,000 bushels. For 1943 the totals were 267,800,000 bushels and 284,460,000 bushels respectively. The carry-over on July 31, 1944, was some 40 per cent less than the corresponding date of 1943. A total of

792 millions were available for distribution during the crop year, of which 533.7 millions were disposed of, including 342.9 millions being exported as wheat or wheat flour, and 190.8 millions used for home requirements. Further details on the disposition and carry-over will be found in the appended statements.

LAKE TRANSPORTATION

Navigation on the Great Lakes opened earlier than usual, the first vessel arriving on March 27 to start a record year of grain shipments. Final figures released in December, 1945, showed a total of 483,732,468 bushels of all grains had been moved from lakehead terminals. Comparisons of previous record years follow: 1944- 455,964,182 bus. and 1928- 385,061,444 bus.

Freight rates on shipments to Canadian ports remain at levels set by the Board. Rates on shipments of wheat to Buffalo were steady at 5c. in U.S. funds.

INSURANCE

Copies of all insurance policies were received and scrutinized in this office from elevators in the Eastern Division, and attention was also given to ensure compliance of public and semi-public elevators with the requirements of Section 102 of the Canada Grain Act.

EXPORTS

Details of exports overseas according to ports at which loaded, and quantities imported for home consumption (duty-paid) and milling in bond in the U.S.A. are included in the appended statements. Details of final destinations are being withheld at the present pending further information on the distribution of Canadian wheat re-exported through the U.S.A. All data in U.S. imports has only been made possible through the continued co-operation of the U.S. Bureau of Census.

ANNUAL AUDITS

All the necessary statements of the results of annual audits for 1945 carried out by the Board's Inspection and Weighing Departments, under Section 138 Canada Grain Act, have been prepared and submitted to the Board.

GENERAL

A number of statistical statements covering handlings, production, marketings, weigh-overs and exports are attached hereto.

Respectfully submitted,

A. V. McMATH,
For Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, 1945—IN BUSHELS

	1943	1944	1945
On Farms—Estimated.....	197,207,000	53,871,000	28,650,000
In Country, Private Terminal and Mill Elevators.....	232,136,411	142,921,702	67,760,459
In Public and Semi-Public Terminal Elevators.....	93,497,853	56,356,489	78,973,042
In Store and Afloat Eastern Elevators.....	45,769,205	53,725,411	35,230,163
In Eastern Flour Mills.....	3,232,235	2,144,072	3,216,769
In Transit Rail.....	14,580,000	27,763,937	24,371,296
In Store and in Transit in the United States.....	14,350,285	18,393,522	20,192,789
Total.....	600,772,989	355,176,183	258,394,518

CROPS OF 1944 AND DISPOSITION	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Carry-over, July 31, 1944.....	356,531,079	108,479,383	45,949,269	5,594,285	3,648,642
Production—All Canada.....	435,535,000	499,643,000	194,712,000	8,526,000	9,668,000
Total available supply.....	792,066,079	608,122,383	240,661,269	14,120,285	13,316,642
Carry-over, July 31, 1945.....	258,394,518	97,899,584	28,809,130	2,010,607	2,889,499
Total disposed of.....	533,671,561	510,222,799	211,852,139	12,109,678	10,427,143

EXPORTS

1944-45 (unrevised).....	280,288,271	81,101,459	39,406,518	6,187,583	4,327,362
Wheatflour, Oatmeal, etc., equivalent to.....	62,657,244	8,152,096			
Total.....	342,945,515	89,253,555	39,406,518	6,187,583	4,327,362
1943-44.....	283,165,650	68,668,174	36,103,102	8,107,902	
Wheatflour, Oatmeal, etc., equivalent to.....	60,589,670	2,569,401			
Total.....	343,755,320	71,237,575	36,103,102	8,107,902	

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1944, PRIMARY MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1944-45
(ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	54,900,000	61,000,000	54,700,000	612,000	1,762,000
Saskatchewan.....	250,000,000	198,000,000	72,000,000	4,800,000	6,400,000
Alberta.....	105,700,000	111,800,000	51,700,000	1,697,000	1,243,000
Total.....	410,600,000	370,800,000	178,400,000	7,109,000	9,405,000

(b) PRIMARY MARKETINGS AT COUNTRY ELEVATORS

Manitoba.....	41,351,722	18,884,572	24,168,123	233,537	1,223,554
Saskatchewan.....	215,822,918	78,438,002	36,733,078	2,947,912	4,981,508
Alberta.....	90,113,560	35,821,957	13,966,028	903,937	833,024
Total.....	347,288,200	133,144,531	74,867,229	4,085,386	7,038,086

(a) PRODUCTION—Final official estimate for Prairie Provinces

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situated in British Columbia are included in Alberta figures.

GRAIN COMMISSION

19

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1944, PRIMARY MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1944-45 (ENDED JULY 31)—*Concluded*

LOADED OVER PLATFORMS

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	250,117	107,104	300,543	2,540	5,695
Saskatchewan.....	111,488	27,966	29,488	10,061	10,636
Alberta.....	245,639	248,241	69,300	.....	57
Total.....	607,304	383,311	399,331	12,601	16,388

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....	335	9,396	9,641	.....	.....
Saskatchewan.....	145	2,082	.....	.....	5,611
Alberta.....	3,085	64,645	9,590	.....	3,839
Total.....	3,565	76,123	19,231	.....	9,450

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	338,503	110,044	92,017	.....	64,996
Saskatchewan.....	1,977,614	476,536	258,960	18,050	12,028
Alberta.....	1,171,202	423,258	51,958	6,281	10,516
Total.....	3,487,337	1,009,838	402,935	24,331	87,540

TRUCKED FROM FARMS INTO U.S.A.

No Movement Reported for 1944-45

TOTAL MARKETED

Manitoba.....	41,940,737	19,111,116	24,570,324	236,077	1,294,245
Saskatchewan.....	217,912,165	78,944,586	37,021,526	2,976,023	5,009,783
Alberta.....	91,533,504	36,558,101	14,096,876	910,218	847,436
Total.....	351,386,406	134,613,803	75,688,726	4,122,318	7,151,464

(c) GRAIN INSPECTED

Manitoba.....	48,063,550	20,822,305	24,838,345	348,780	1,156,024
Saskatchewan.....	257,579,950	84,143,690	37,382,605	3,073,650	5,059,551
Alberta and B.C.....	108,135,400	34,408,845	11,750,690	896,240	817,583
Total.....	413,778,900	139,374,840	73,971,640	4,318,670	7,033,158

(c) GRAIN INSPECTED—Compiled according to province where grain was grown.

TRADE AND COMMERCE

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Fort William—Port Arthur—</i>					
Receipts.....	353,978,051	107,688,048	59,360,239	4,193,079	6,426,945
Shipments.....	330,615,761	113,548,442	61,422,847	5,847,345	6,884,645
<i>Vancouver—New Westminster—</i>					
Receipts.....	12,598,734	4,105,247	1,008,369	176,789	54,338
Shipments.....	13,431,440	4,259,862	982,905	171,185	54,640
<i>Victoria, B.C.—</i>					
Receipts.....	834,505	2,040			
Shipments.....	288,213	18,823			
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....	224,000				
<i>Churchill, Man.—</i>					
Receipts.....					
Shipments.....	75				
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	105,862	94,878	858,078	1,103	1,595
Shipments.....	105,862	125,286	1,195,838	1,103	1,595
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....	741,508				

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	552,764	132,928	243,833	3,311	13,029
Edmonton.....	980,970	358,663	32,995		1,461
Lethbridge.....	3,107	11			1,143
Moose Jaw.....	2,999,721	80,035			2,127
Saskatoon.....	3,334,770	69,672	10,979		4,047
Total.....	7,871,332	641,309	287,807	3,311	21,807
<i>Shipments—</i>					
Calgary.....	391,962	128,779	237,834	3,375	13,139
Edmonton.....	447,177	363,526	40,546		1,415
Lethbridge.....	259,716	11			1,409
Moose Jaw.....	3,560,661	79,732			643,015
Saskatoon.....	3,340,981	70,953	10,979		8,840
Total.....	8,000,497	643,001	289,359	3,375	667,820

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	117,270	1,481,205	4,431,120	275,975	
Shipments.....	117,270	1,481,205	4,194,990	275,975	

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS

CANADIAN GRAIN

	Wheat	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Receipts.....	220,017,052	36,945,374	20,758,718	1,615,766
Shipments.....	238,832,701	31,342,713	24,918,428	1,325,246

	Flaxseed	Canadian Corn	Canadian Buckwheat	Canadian Beans
	bush.	bush.	bush.	bush.
Receipts.....	1,707,239	1,408,945	29,045	447,821
Shipments.....	1,196,552	1,261,967	35,746	345,596

	Mixed Grain	Sunflower Seed
	lbs.	lbs
Receipts.....	7,641,735	40,120
Shipments.....	7,651,154	2,482,650

UNITED STATES GRAIN

	Wheat	Corn	Beans	Rice
	bush.	bush.	bush.	bush.
Receipts.....		1,173,216		411,232
Shipments.....	1,190,701	1,918,225	265,612	411,232

 IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION
 (AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS)

	U.S.A. Wheat	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice
	bush.	bush.	bush.	bush.
Via Eastern Elevators.....		1,316,955	265,612	411,232
Fort William-Port Arthur.....				
Interior Private Terminals.....				
Pacific Coast Terminals.....		226,287		
Total.....		1,543,242	265,612	411,232

FINAL FIGURES ON EXPORT OF CANADIAN WHEAT
MONTHLY TOTALS INCLUDING WHEAT-FLOUR (IN TERMS OF WHEAT) AND U.S.A. IMPORTS DURING CROP YEAR 1944-45

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via Fort William- Port Arthur (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total all Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
						Home Con- sumption Duty-Paid	Milling in Bond			
1944	August.....	bush. 9,950,120	bush.	bush.	bush. 2,401,038	bush. 8,162,159	bush. 880,975	bush. 21,394,292	bush. 3,390,579	bush. 24,784,871
	September.....	10,000	9,169,058	.....	2,618,446	8,330,115	610,108	20,737,727	5,470,574	26,208,301
	October.....	62,553	9,249,025	.....	6,116,821	4,753,625	1,004,050	21,186,074	4,907,997	26,094,071
	November.....	272,085	10,486,258	.....	3,899,802	4,003,199	887,428	19,548,772	4,417,290	23,966,062
	December.....	396,149	4,754,815	.....	4,821,128	1,486,471	682,818	12,141,381	5,590,665	17,732,046
	January.....	57,246	4,886,181	.....	9,786,367	622,238	790,772	16,142,804	3,781,260	19,924,064
1945	February.....	555,593	4,736,637	.....	5,566,062	489,465	275,981	11,623,738	4,642,515	16,266,253
	March.....	256,593	5,355,742	.....	8,277,795	289,331	474,063	14,653,524	5,570,847	20,224,371
	April.....	265,067	11,428,042	.....	11,010,126	1,350,317	806,228	24,859,780	6,153,975	31,013,755
	May.....	1,828,217	27,373,626	.....	10,149,146	1,443,880	1,055,540	41,850,409	6,306,759	48,157,168
	June.....	374,429	25,024,861	.....	8,967,039	639,810	1,085,495	36,091,634	7,256,695	43,348,329
	July.....	3,672,888	26,254,919	.....	8,393,742	960,474	776,113	40,058,136	5,168,088	45,226,224
	Total Crop Year 1944-45.....	7,750,820	148,669,284	.....	82,007,512	32,531,084	9,329,571	280,288,271	62,657,244	342,945,515
	Total Crop Year 1943-44.....	3,083,940	72,911,901	.....	47,342,007	149,888,646	9,939,156	283,165,650	60,589,670	343,755,320
	5-year average 1940-41 to 1944-45.....	3,780,415	104,315,876	.....	59,933,639	40,093,080	9,152,052	217,275,062	54,412,221	271,687,283

* U.S.A. Official Figures.

†Customs Returns.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1944-45

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....		2,437		2,437
1 Man. Northern.....	1,212,572	60,797,390	18,687,398	80,697,360
2 Man. Northern.....	4,529,804	73,260,346	53,138,802	130,928,952
3 Man. Northern.....	1,983,204	12,437,123	3,707,562	18,127,889
Number 5.....		1,000		1,000
1 C.W. Garnet.....	4,668			4,668
2 C.W. Garnet.....	17,711	83,514	795,500	896,725
3 C.W. Garnet.....	2,861			2,861
Salvage.....		204,480		204,480
Unspecified.....		1,665	3,401,971	3,403,636
1 C.W. Amber Durum.....			82,003	82,003
2 C.W. Amber Durum.....		507,131	1,773,636	2,280,767
3 C.W. Amber Durum.....		1,374,198	420,640	1,794,838
Total.....	7,750,820	148,669,284	82,007,512	238,427,616
<i>Oats—</i>				
2 C.W.....	148,556	234,941		383,497
Ex. 3 C.W.....	34,837	6,059		40,896
3 C.W.....	704,994	1,254,076	69,639	2,028,709
Ex. 1 Feed.....	4,977	37,542		42,519
1 Feed.....		5,189,890	112,623	5,302,513
2 Feed.....		9,056		9,056
Tough Grades.....		3,706		3,706
Sample.....		15,615		15,615
Others.....		4,008		4,008
Eastern.....		17,894		17,894
Unspecified Grades.....			89,390	89,390
Total.....	893,364	6,772,787	271,652	7,937,803
<i>Barley—</i>				
2 C.W. Two-Row.....		63,077		63,077
2 C.W. Six-Row.....		335,207		335,207
3 C.W. Six-Row.....		1,093,808		1,093,808
1 Feed.....		1,322,182	160,777	1,482,959
Others.....		500,303	137,233	637,536
Total.....		3,314,577	298,010	3,612,587
<i>Rye—</i>				
2 C.W.....		301,229	517,933	819,162
3 C.W.....		301,281		301,281
Total.....		602,510	517,933	1,120,443

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1944-45—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	7,238,607	893,364			
Victoria.....	288,213				
Prince Rupert.....	224,000				
Collingwood.....	1,000	4,118			
Port Colborne.....	2,500				
Montreal.....	61,115,106	4,274,487	493,434	562,632	
Sorel.....	14,158,223	66,000	1,402,178		
Three Rivers.....	14,374,144		1,349,019		
Quebec.....	9,146,636				
St. John.....	1,298,773				
West St. John.....	28,740,854	1,587,778	69,946	39,878	
Halifax.....	19,830,383	840,404			
Western Canada direct to coast.....	1,665				
Total—Canadian Ports.....	156,420,104	7,666,151	3,314,577	602,510	
New York.....	19,122,353	271,652	298,010		
Albany.....					
Baltimore.....	22,941,942			372,808	
Boston.....	3,732,410				
Philadelphia.....	22,164,541			145,125	
Portland.....	14,046,266				
Total—U.S.A. Ports.....	82,007,512	271,652	298,010	517,933	
Total to Overseas.....	238,427,616	7,937,803	3,612,587	1,120,443	
Wheat Flour (4½ bush. per barrel).....	62,657,244				
Rolled Oats and Oatmeal.....		8,152,096			
U.S.A. Imports.....	41,860,655	68,859,912	35,793,931	5,067,140	4,327,362
Grand Total.....	342,945,515	84,949,811	39,406,518	6,187,583	4,327,362

	Pounds	Pounds	Pounds	Pounds	
<i>Other U.S.A. Imports—</i>					
Oats unhulled ground.....		28,836,397			
Barley Malt.....			4,647,013		
Rye Malt.....				6,440	

ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1945

LICENSEE	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>														
Calgary, Alta.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.	lbs.
Edmonton, Alta.	6-00	.....	.....	29-14	.....	.....	52-14	.....	.....	.....	27-11	.....	20,110	.....
Lethbridge, Alta. ....	.....	470-20	275-00	.....	.....	.....	202-04	.....	.....	.....	.....	-02	.....	.....
Saskatoon, Sask. ....	.....	1,871-40	.....	.....	.....	.....	.....	.....	.....	.....	.....	21-05	740	.....
Moose Jaw, Sask.	11,229-30	.....	231-26	.....	58,383-18	.....	.....	.....	.....	.....	28-28	.....	130,180	.....
Prince Rupert, B.C. ....	.....	9,497-50	.....	25-00	1-16	.....	.....	.....	.....	.....	.....	7,414-32	610	.....
Totals.	11,235-30	13,213-00	506-26	54-14	58,385-00	.....	254-18	.....	.....	.....	55-39	7,435-39	151,640	.....
Net Total—Surplus or Deficit	.....	.....	452-12	.....	58,385-00	.....	254-18	.....	.....	.....	.....	.....	151,640	.....
	.....	1,977-30	.....	.....	.....	.....	.....	.....	.....	.....	7,380-00	.....	.....	.....

ANNUAL WEIGH-UP, 1945

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT,
AS REVEALED BY THE ANNUAL WEIGH-UP, 1945, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE
MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Canadian Government—</i>												
Calgary, Alta.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton, Alta.....		21-40					78-40		353-35	663-55		58-00
Lethbridge, Alta.....								530-40	1,577-00	389-00	3-40	750-20
Saskatoon, Sask.....			1,937-55	1,159-10				1,996-40	13-40	-05		
Moose Jaw, Sask.....				1,432-50				316-25				
Prince Rupert, B.C.....								3,907-00	9,980-00			
								1,445-40	356-00			

ANNUAL WEIGH-UP, 1945

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT,
AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1945, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR,
AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

GRAIN COMMISSION

27

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Canadian Consolidated Grain Co. Ltd.												
"Empire"												
"Thunder Bay"												
Eastern Terminal Elevator Co. Ltd.												
"Richardson"												
Federal Grain Ltd. "Bawlf"												
Federal Grain Ltd. "Northwestern"												
Federal Grain Ltd. "Stewart"												
Fort William Elevator Co. Ltd.												
Lakehead Terminals Ltd.												
Manitoba Pool Elevators Ltd.												
"Terminal No. 1"												
"Terminal No. 2"												
"Terminal No. 3"												
McCabe Bros. Grain Co. Ltd. "Dom. Govt."												
National Grain Co. Ltd. "G.T.P."												
Northland Terminals Ltd. "D"												
Ogilvie Flour Mills Co. Ltd.												
N. M. Paterson & Co. Ltd.												
Reliance Grain Co. Ltd.												
Saskatchewan Pool Terminals Ltd.												
"Terminal No. 5"												
"Terminal No. 7"												
Superior Elevator Co. Ltd. "P. & H"												
United Grain Growers Terminals Ltd.												
Western Grain Co. Ltd.												

NOTE.—The stocks of the remaining four Semi-Public Terminal elevators are to be audited early in 1946.

ANNUAL WEIGH-UP, 1945

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1945, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL, NORTH TRANSCONA, EDMONTON AND KENORA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Vancouver—New Westminster—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Alberta Wheat Pool Ltd. Term. No. 2								430-15	356-45	1,665-05		
Pacific Elevators Ltd.			822-40	189-20				3,751-05	6,647-45	10,680-40	3-05	449-35
James Richardson & Sons Ltd.		197-00						70-40	4,435-45	7,634-45		383-50
United Grain Growers Terms. Ltd.												
<i>Victoria—</i>												
United Grain Growers Terms. Ltd.								276-05	200-55	85-50		
<i>North Transcona—</i>												
Eastern Terminal Elevator Co. Ltd.								69-30	108-30	8-00		
<i>Kenora—</i>												
Searle Grain Co. Ltd.								1,095-45	404-30	14-10		

THE ANNUAL WEIGH-UP OF GRAIN IN STORE IN THE FOLLOWING SEMI-PUBLIC TERMINAL ELEVATORS WAS POSTPONED UNDER AUTHORITY OF ORDER IN COUNCIL P.C. 5298 DATED 2ND OCTOBER, 1940

Vancover-New Westminster—
 Alberta Wheat Pool Terminal No. 1
 Midland Pacific Terminals Ltd.
 Searle Grain Co. Ltd.

Churchill, Man.—
 National Harbours Board

ANNUAL WEIGH-UP, 1945

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP, 1945, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Licensee	Kind of Grain	Overage	Shortage
<i>Collingwood—</i>		bush.	bush.
Collingwood Terminals Ltd.....	Western Canadian Wheat.....		9,528-15
	Western Canadian Oats.....		5,079-25
	Western Canadian Barley.....		2,223-10
	Western Canadian Rye.....		20-26
	Western Canadian Screenings.....		24,682 lbs.
	U.S.A. Corn.....		171-28
<i>Goderich—</i>			
Goderich El. & Trst. Co. Ltd.....	Western Canadian Wheat.....		7,125-35
	Western Canadian Oats.....		2,758-30
	Western Canadian Barley.....		5,699-39
	Western Canadian Rye.....		1,742-10
	Western Canadian Flax.....	474-33	
	Western Canadian Mixed Grain.....		8,482 lbs.
	Western Canadian Screenings.....		58,102 lbs.
	U.S.A. Corn.....		1,366-13
<i>Goderich—</i>			
Western Canada Flr. Mills. Ltd.....	Western Canadian Wheat.....		18,049-05
	Western Canadian Oats.....		671-04
	Western Canadian Barley.....		509-38
<i>Kingston—</i>			
Kingston Elev. Co. Ltd.....	Western Canadian Wheat.....		437-30
	Western Canadian Barley.....		823-04
<i>Lakefield—</i>			
J. Richardson & Sons Ltd.....	Western Canadian Wheat.....		1,751-40
<i>Midland—</i>			
Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		19-20
	Western Canadian Oats.....		115-19
	Western Canadian Barley.....		295-08
<i>Midland—</i>			
Midland C.N.R. Elev. Co. Ltd.....	Western Canadian Wheat.....		4,450-25
	Western Canadian Oats.....	329-18	
	Western Canadian Barley.....	203-19	
<i>Midland—</i>			
Canada Steamship Lines El. Ltd.....	Western Canadian Wheat.....		10,392-30
	Western Canadian Oats.....		581-07
	Western Canadian Barley.....		538-19
	U.S.A. Corn.....		61-30
<i>Owen Sound—</i>			
Great Lakes Elevator.....	Western Canadian Wheat.....		6,144-25
	Western Canadian Oats.....		1,336-22
	Western Canadian Barley.....		718-43
	Western Canadian Rye.....		28-17
	Western Canadian Mixed Grain.....	6,213 lbs.	
	Western Canadian Screenings.....		6,640 lbs.
	U.S.A. Corn.....		118-26
<i>Peterborough—</i>			
J. Richardson & Sons Ltd.....	Western Canadian Wheat.....		16-10
	Western Canadian Oats.....		14-15
	Western Canadian Barley.....		62-07
<i>Port Colborne—</i>			
National Harbours Board.....	Western Canadian Wheat.....		534-45
	Western Canadian Oats.....	243-04	
	Western Canadian Barley.....		464-33
	U.S.A. Wheat.....		1,036-19
<i>Port McNicoll—</i>			
Can. Pacific Rly. Co. Ltd.....	Western Canadian Wheat.....		21,032-40
	Western Canadian Oats.....		727-02
	Western Canadian Barley.....	242-27	
	Western Canadian Rye.....	206-34	
	U.S.A. Corn.....		1,966-52
<i>Prescott—</i>			
National Harbours Board.....	Western Canadian Wheat.....	776-20	
	Western Canadian Oats.....	308-13	
	Western Canadian Barley.....	1,039-24	
	Western Canadian Screenings.....		374 lbs.
	U.S.A. Corn.....		1,381-13
<i>Toronto—</i>			
Toronto Elevators Ltd.....	Western Canadian Wheat.....		17,780-05
	Western Canadian Oats.....	8,837-04	
	Western Canadian Barley.....	3,430-09	
	Western Canadian Rye.....		112-03
	Western Canadian Flax.....		1,301-40
	Western Canadian Corn.....		8-05
	Western Canadian Beans.....		-41
	Western Canadian Sunflower Seeds.....		8,371 lbs.
	Western Canadian Mixed Grain.....		67 lbs.
	Western Canadian Screenings.....	3,303 lbs.	
	U.S.A. Corn.....		1,027-21
	U.S.A. Beans.....		2,150-10

ANNUAL WEIGH-UP, 1945—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Licensee	Kind of Grain	Overage	Shortage
<i>Walkerville—</i>		bush.	bush.
Hiram Walker & Sons Ltd.	Western Canadian Wheat		1,223-03
	Western Canadian Oats	1,534-15	
	Western Canadian Barley	206-20	
	Western Canadian Rye		1,216-27
	Western Canadian Mixed Grain	25,790 lbs.	
<i>Montreal—</i>			
National Harbours Board	Western Canadian Wheat		31,859-00
	Western Canadian Oats		3,455-31
	Western Canadian Barley		15,809-05
	Western Canadian Rye	33-53	
	Western Canadian Flax		129-50
	Western Canadian Mixed Grain		101 lbs.
	Western Canadian Corn		50 lbs.
	Western Canadian Peas		23-27
	Western Canadian Screenings		2,360 lbs.
	U.S.A. Corn		26,730-30
	U.S.A. Rice		648-29
<i>Quebec—</i>			
National Harbours Board	Western Canadian Wheat		30,177-50
	Western Canadian Oats		68-28
	Western Canadian Barley	300-15	
	Western Canadian Mixed Grain		475 lbs.
	Western Canadian Screenings		2,357 lbs.
<i>Sorel—</i>			
North American Elevators Ltd.	Western Canadian Wheat		3,748-50
<i>Halifax—</i>			
National Harbours Board	Western Canadian Wheat		9,843-15
	Western Canadian Oats		328-07
	Western Canadian Barley		6-21
	U.S.A. Corn		30-44
<i>Saint John—</i>			
Canadian National Railways	Western Canadian Wheat		6,029-25
	Western Canadian Oats		51-33
	Western Canadian Barley		96-24
<i>West St. John—</i>			
Can. Pac. Railway Elev. "B"	Western Canadian Wheat		3,908-00
<i>West St. John—</i>			
Can. Pac. Railway Elev. "H" (National Harbours Board)	Western Canadian Oats		529-05
	Western Canadian Wheat		361-55
	Western Canadian Oats		401-12
	Western Canadian Rye		24-52

NOTE.—The official weigh-up of grain in store in the following elevators was postponed under authority of Order in Council P.C. 5293 dated 2nd October, 1940.

Humberstone	Robin Hood Flour Mills Ltd.
Midland	Midland Simcoe Co. Ltd.
Sarnia	Sarnia Elevator Co. Ltd.
Port Colborne	Maple Leaf Milling Co. Ltd.
Montreal	Dominion Elevator Ltd.
Three Rivers	Three Rivers Grain and Elevator Co. Ltd.

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	FORT WILLIAM		ST. BONIFACE		WINNIPEG	
	National Grain Co. Ltd. "D & S"		Red River Grain Co. Ltd.		Canada Malting Co. Ltd.	
	Excess	Deficiency	Excess	Deficiency	Excess	Deficiency
	bush.	bush.	bush.	bush.	bush.	bush.
1 Man. Hard						
1 Man. Northern						5-10
2 Man. Northern				461-10		
3 Man. Northern		24-30		76-50		
1 C.W. Garnet						
2 C.W. Garnet						

No wheat of the above grades was handled or stored in the following elevators:—

Canada Malting Co. Ltd., Calgary, Alta.
 United Grain Growers Ltd., Edmonton, Alta.
 Dominion Malting Co. Ltd., South Transcona, Man.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 W. A. Hastings, representing the Millers of wheat flour.
- | | | |
|--|---|---|
| George Bennett | } | representing Grain Growers in Alberta. |
| W. H. Fairfield | | |
| R. H. MacDonald | | |
| B. S. Plumer | | |
| A. F. Sproule | } | representing Grain Growers in Saskatchewan. |
| Dr. L. E. Kirk | | |
| J. Wellbelove | | |
| W. Wright | | |
| G. S. Canfield | } | representing Grain Growers in Manitoba. |
| W. J. Parker | | |
| R. Barrett | | |
| J. Quick | | |
| G. Constable, representing Grain Growers in British Columbia. | | |
| Nelson Young, representing Plant Products Division, Department of Agriculture. | | |

COMMITTEE ON EASTERN GRAIN STANDARDS

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing exporters of grain.
- | | | |
|-----------------|---|--|
| K. F. Wadsworth | } | representing Millers of Wheat in the Eastern Division. |
| H. Norman Davis | | |
| R. J. Scott | } | representing Grain Growers in Ontario. |
| W. A. Amos | | |
| Wm. Wallace | } | Additional—representing Growers of Corn. |
| J. M. Vittie | | |
| G. E. McConney | | |

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy, Chairman	P. J. Marples, Chairman	C. R. Manahan (Chairman)
Grant Hammond	T. F. Allison	J. W. Allen
J. McMahon	W. G. McLeod	W. H. Boyle
A. F. Moore	J. Tranter	A. Fraser
James Gregory	J. A. Harris	C. C. Gillies
S. C. Swanton	W. McLeod	J. A. Kyle
J. F. Lazenby	E. J. Munson	L. T. Ingram
D. K. Mills	G. C. Arbuthnott	J. F. Heathfield
H. R. Ballance	A. Watson	Ross Saunders
S. Billinsky (Secretary)	E. S. Munro (Secretary)	R. T. Rose (Secretary)

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit	A. Chaplin
C. H. Coatsworth	T. B. Earle
R. C. Pratt	J. A. Byrne
N. H. Campbell	J. M. Vittie
C. W. Heimbecker	T. A. Climo
L. S. Johnston	E. Lorne Tracey (Secretary)
W. H. McCarthy	
G. E. McConney	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard (Secretary)	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1945

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	580	68	Nil	512
Calgary.....	13	4	Nil	9
Edmonton.....	150	25	3	122
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	743	97	3	643

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MAN., January 16, 1946.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1945:—

	Bushels Registered	Bushels Registered for cancellation
<i>Winnipeg—</i>		
Wheat.....	354,859,705-40	331,905,708-00
Oats.....	107,769,421-30	113,707,506-33
Barley.....	60,394,837-31	62,751,631-37
Flax.....	6,533,033-10	6,946,241-40
Rye.....	4,087,856-18	5,826,172-48
Mixed Grain.....	1,534,776-10	749,769-30
Corn.....	119,570-26	85,357-26
Sunflower Seeds.....	2,340-00	36,383-04
<i>Vancouver—</i>		
Wheat.....	12,261,675-40	12,561,733-40
Oats.....	3,073,427-10	3,107,141-20
Barley.....	409,375-18	397,632-04
Barley Malt.....	50,601-14	10,027-28
Rye.....	68,011-22	62,967-12
Mixed Grain.....	27,703-10	5,802-20
Corn.....	25,347-08	9,966-34
Sunflower Seeds.....	5,443-20	.....
<i>Calgary—</i>		
Wheat.....	545,764-00	391,961-50
Oats.....	132,927-22	128,784-04
Barley.....	243,833-06	237,834-08
Flax.....	13,029-16	16,111-33
Rye.....	3,311-04	3,375-40
Mixed Grain.....	139-10	1,115-40
Corn.....	6,515-10	2,246-24
<i>Edmonton—</i>		
Wheat.....	981,040-20	446,977-00
Oats.....	358,662-12	363,523-28
Barley.....	32,995-20	40,545-30
Flax.....	1,461-35	1,415-27
Mixed Grain.....	1,842-40	1,977-20
Corn.....	10,020-54	4,990-20
<i>Lethbridge—</i>		
Wheat.....	3,009-00	256,720-00
Oats.....	11-06	2,045-00
Barley.....	.....	1,408-46
Flax.....	1,143-14	.....
Mixed Grain.....	553-30	.....
<i>Moose Jaw—</i>		
Wheat.....	2,999,721-00	3,559,661-20
Oats.....	80,035-20	79,732-22
Barley.....	.....	117,945-10
Flax.....	2,127-14	525,229-08
Mixed Grain.....	.....	26,517-40
Sunflower Seeds.....	157,251-20	2,902-14

	Bushels Registered	Bushels Registered for Cancellation
<i>Prince Rupert—</i>		
Wheat.....		224,000-00
<i>Saskatoon—</i>		
Wheat.....	3,334,770-10	3,340,990-40
Oats.....	69,570-20	70,952-32
Barley.....	10,978-46	10,978-46
Flax.....	4,046-48	8,841-50
Mixed Grain.....	1,848-20	11,155-00
Sunflower Seeds.....	5,038-29	1,541-24
<i>Total—</i>		
Wheat.....	374,985,685-50	352,687,752-30
Oats.....	111,484,056-18	117,459,687-03
Barley.....	61,092,020-25	63,557,976-38
Barley Malt.....	50,601-14	10,027-28
Flax.....	6,554,841-25	7,560,807-02
Rye.....	4,159,178-44	5,829,548-32
Mixed Grain.....	1,566,863-20	796,738-00
Corn.....	161,453-42	102,560-48
Sunflower Seeds.....	170,074-09	40,827-12

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	365,445,752-03	385,801,653-00
Oats.....	45,073,993-33	39,043,318-33
Barley.....	27,190,320-22	31,037,390-35
Flax.....	1,683,334-34	1,369,837-52
Rye.....	2,695,205-32	2,326,371-19
Mixed Grain.....	168,497-42	159,419-22
Screenings.....	1,869,873-24	1,918,124-38
Corn.....	2,835,393-09	3,422,381-02
Beans.....	450,508-44	621,355-30
Buckwheat.....	29,769-36	36,035-10
Peas.....	36,139-20	35,953-50
Rice.....	411,232-10	411,232-10
Sunflower Seeds.....	1,671-16	103,786-00

Yours respectfully,

W. T. TODD,

Registrar.

APPENDIX No. 5

REPORT OF THE CHIEF GRAIN INSPECTOR

1064 Grain Exchange,
WINNIPEG, MAN., December 14, 1945.

Mr. J. RAYNER, Secretary,
Winnipeg, Man.

DEAR SIR:

I have the honour to submit the annual report covering car and cargo inspections in the western division, also the car and cargo inspections and sampling of grain in the eastern division for the crop year ending July 31, 1945.

The crop of 1944-45 in the western division produced grain of high grade and excellent quality and was harvested under good conditions.

Record shipments were handled by the Inspection Branch during this year. The total number of cars inspected in the western division for the crop year 1944-45 was 353,339 as against 349,902 for the previous year, an increase of 3,437 cars.

Yours truly,

F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1944 to July 31, 1945, are made up as follows:

	Cars	Percentages
Wheat.....	246,221	69.684
Oats.....	58,213	16.476
Barley.....	39,652	11.222
Flax.....	5,370	1.519
Rye.....	2,676	.758
Mixed Grain.....	621	.177
Corn.....	164	.046
Buckwheat.....	3	.....
Screenings.....	305	.086
Peas.....	12	.003
Sunflower Seeds.....	101	.029
Soybeans.....	1	.....
Total.....	353,339	100.000

The grades of Wheat are as follows:—

	Cars	Per- centages	Totals	Percentage of total Inspections
1 Manitoba Hard.....	8	·004		
1 Manitoba Northern.....	65,826	27·608		
2 Manitoba Northern.....	107,726	45·182		
3 Manitoba Northern.....	26,248	11·009		
4 Manitoba Northern.....	9,519	3·991		
No. 5.....	7,285	3·055		
No. 6.....	1,322	·554		
Feed.....	344	·144		
Sample.....	242	·102		
Smutty.....	713	·298		
Tough.....	16,850	7·071		
Damp.....	148	·062		
Rejected.....	2,196	·921		
Total Red Spring Wheats.....	238,427	100·000	238,427	96·834
1 Garnet.....	83	3·154		
2 Garnet.....	1,949	74·050		
3 Garnet.....	478	18·161		
Smutty Garnet.....	6	·228		
Tough Garnet.....	102	3·875		
Damp Garnet.....	5	·190		
Rejected Garnet.....	9	·342		
Total Garnet Wheats.....	2,632	100·000	2,632	1·069
1 Amber Durum.....	241	5·196		
2 Amber Durum.....	1,689	36·416		
3 Amber Durum.....	1,350	29·107		
4 Amber Durum.....	196	4·226		
5 Amber Durum.....	1	·022		
6 Amber Durum.....	4	·086		
Smutty Amber Durum.....	98	2·113		
Tough Amber Durum.....	855	18·435		
Damp Amber Durum.....	46	·992		
Rejected Amber Durum.....	132	2·846		
Sample Amber Durum.....	26	·561		
Total Amber Durum Wheats.....	4,638	100·000	4,638	1·884
1 White Spring.....	1	4·762		
2 White Spring.....	15	71·428		
3 White Spring.....	3	14·286		
4 White Spring.....	1	4·762		
Tough White Spring.....	1	4·762		
Total White Spring Wheat.....	21	100·000	21	·009
1 Mixed Wheat.....	80	34·335		
3 Mixed Wheat.....	27	11·588		
5 Mixed Wheat.....	73	31·330		
6 Mixed Wheat.....	1	·429		
Tough Mixed Wheat.....	36	15·450		
Damp Mixed Wheat.....	2	·859		
Sample Mixed Wheat.....	14	6·009		
Total Mixed Wheat.....	233	100·000	233	·095
1 Alberta Red Winter.....	220	81·481		
2 Alberta Winter.....	39	14·444		
3 Alberta Winter.....	7	2·593		
Tough Alberta Winter.....	2	·741		
Smutty Alberta Winter.....	2	·741		
Total Alberta Winter Wheat.....	270	100·000	270	·109
Total All Wheats.....	246,221		246,221	100·000

The grades of Oats are as follows:—

	Cars	Percentages
1 Canada Western.....	1	·002
2 Canada Western.....	4,264	7·323
Extra 3 Canada Western.....	5,872	10·088
3 Canada Western.....	17,293	29·706
Extra 1 Feed.....	5,645	9·697
1 Feed.....	18,491	31·765
2 Feed.....	3,165	5·437
3 Feed.....	362	·622
Mixed Feed Oats.....	21	·036
Rejected Oats.....	126	·217
Sample.....	49	·084
Tough.....	2,885	4·956
Damp.....	39	·067
Total.....	58,213	100·000

The grades of Barley are as follows:—

	Cars	Percentages
1 Canada Western Six-Row.....	6	·015
2 Canada Western Six-Row.....	1,365	3·442
3 Canada Western Six-Row.....	8,623	21·746
1 Canada Western Two-Row.....	98	·247
2 Canada Western Two-Row.....	1,255	3·164
1 Feed.....	7,670	19·343
2 Feed.....	9,996	25·209
3 Feed.....	2,960	7·469
Rejected.....	60	·151
Sample.....	11	·027
Tough.....	7,305	18·423
Damp.....	303	·764
Total.....	39,652	100·000

The grades of Flax are as follows:—

	Cars	Percentages
1 Canada Western.....	5,015	93·389
2 Canada Western.....	191	3·557
3 Canada Western.....	65	1·210
4 Canada Western.....	16	·298
Sample.....	14	·261
Tough.....	67	1·248
Damp.....	2	·037
Total.....	5,370	100·000

The grades of Rye are as follows:—

	Cars	Percentages
1 Canada Western.....	3	·112
2 Canada Western.....	554	20·703
3 Canada Western.....	1,343	50·187
4 Canada Western.....	112	4·185
Ergoty Rye.....	160	5·979
Rejected.....	18	·673
Tough.....	481	17·974
Damp.....	2	·075
Sample.....	3	·112
Total.....	2,676	100·000

The grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	107	17.230
No. 2.....	58	9.340
No. 3.....	359	57.810
Tough.....	57	9.179
Damp.....	4	.644
Rejected.....	12	1.932
Sample.....	24	3.865
Total.....	621	100.000

The grades of Corn are as follows:—

	Cars	Percentages
No. 2 Canada Western Yellow.....	17	10.366
No. 3 Canada Western Yellow.....	13	7.927
No. 4 Canada Western Yellow.....	9	5.488
No. 5 Canada Western Yellow.....	16	9.756
Tough.....	27	16.463
Damp.....	5	3.049
Moist.....	15	9.146
Wet.....	50	30.488
Sample.....	12	7.317
Total.....	164	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1944 TO JULY 31, 1945

	Cars	Percentages
Winnipeg.....	304,991	86.317
Calgary.....	14,119	3.996
Moose Jaw.....	5,388	1.525
Saskatoon.....	7,262	2.055
Medicine Hat.....	3,729	1.055
Lethbridge.....	15	.004
Vancouver.....	530	.150
Edmonton.....	17,305	4.898
Total.....	353,339	100.000

SUMMARY OF CARS REINSPECTED 1944-1945

	Winnipeg		Calgary	
Cars Inspected.....	304,991		14,119	
Cars Reinspected.....	38,460	12.61%	1,658	11.74%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	20,053	52.14	883	53.26
Grades Raised.....	11,842	30.79	292	17.61
Grades Lowered.....	523	1.36	13	0.78
Dockage Raised.....	820	2.13	45	2.72
Dockage Lowered.....	5,222	13.58	425	25.63
Total.....	38,460	100.00	1,658	100.00

SUMMARY OF CARS REINSPECTED, 1944-45—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	17,305		7,262	
Cars Reinspected.....	2,671	15.44%	278	3.83%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	1,782	66.62	223	80.22
Grades Raised.....	252	9.44	55	19.78
Grades Lowered.....				
Dockage Raised.....	596	22.34		
Dockage Lowered.....	41	1.60		
Total.....	2,671	100.00	278	100.00
	Moose Jaw		Medicine Hat	
Cars Inspected.....	5,388		3,729	
Cars Reinspected.....	280	5.20%	104	2.79%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	232	82.86	84	80.77
Grades Raised.....	43	15.36	16	15.38
Grades Lowered.....	3	1.07	3	2.89
Dockage Raised.....				
Dockage Lowered.....	2	0.71	1	0.96
Total.....	280	100.00	104	100.00
	Lethbridge		Vancouver	
Cars Inspected.....	15		530	
Cars Reinspected.....	Nil		2	0.38%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....			2	100.00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			2	100.00
	The Pas		Churchill	
Cars Inspected.....	Nil		Nil	

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....	353,339		
Total Cars Reinspected.....	43,453	12.29%	
	Cars	Per cent	Per Cent of Total Inspections
Left as Graded.....	23,259	53.53	6.58
Grades Raised.....	12,500	28.76	3.54
Grades Lowered.....	542	1.25	0.15
Dockage Raised.....	1,461	3.37	0.42
Dockage Lowered.....	5,691	13.09	1.61
Total.....	43,453	100.00	12.30

TRADE AND COMMERCE
SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as Graded.....	512	88.28	124	82.67	9	69.23	645	86.81
Grades Raised.....	68	11.72	23	15.33	4	30.77	95	12.79
Grades Lowered.....			3	2.00			3	0.4
Dockage Raised.....								
Dockage Lowered.....								
Total.....	580	100.00	150	100	13	100.00	743	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	353,339	100.000
Total Appeals.....	743	.210
Total Grades Changed.....	98	0.028

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1944 TO JULY 31, 1945

	Fort William and Port Arthur	Vancouver	Victoria	Prince Rupert
	bush.	bush.	bush.	bush.
Wheat.....	324,569,627	9,603,162	288,213	224,000
Oats.....	99,243,394	893,364		
Barley.....	55,434,545			
Rye.....	5,646,490			
Flaxseed.....	5,311,874			
Mixed Grain.....	11,719,990 lbs.			
Screenings.....	360,402,190 lbs.			

GRAIN COMMISSION

41

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1944 TO JULY 31, 1945 EX PUBLIC, SEMI-PUBLIC AND PRIVATE ELEVATORS

—	Medicine Hat	Winnipeg	Calgary	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Edmonton	Fort William and Port Arthur	Total
Wheat.....	231	223	2,184	2,028	146	1,259	274	3,573	9,918
Oats.....	1,032	137	202	58	.....	877	344	6,125	9,375
Barley.....	1,538	393	4	43	.....	196	53	3,452	5,679
Flax.....	2	8	326	3	1	.....	.....	849	1,189
Rye.....	4	3	1	10	.....	32	.....	113	163
Mixed Grain.....	84	6	56	5	.....	42	4	43	240
Corn.....	48	3	.....	.....	.....	.....	1	.....	52
Mixed Feed Oats, Groats.....	23	23
Sunflower Seeds.....	2	.....	.....	.....	.....	30	32
Screenings.....	279	192	276	246	.....	184	18	1,571	2,766
Total.....	3,818	965	3,051	2,393	147	2,590	694	15,779	29,437

TRADE AND COMMERCE

EASTERN DIVISION

OUTWARD CARS INSPECTED CROP YEAR AUGUST 1, 1944 TO JULY 31, 1945

	Montreal	Toronto	Chatham	Total
Oats.....	2	1		3
Barley.....	359	349		708
Sunflower Seeds.....		52		52
Total.....	361	402		763

TOTAL INSPECTIONS AUGUST 1, 1944 TO JULY 31, 1945

Cargoes—

Grain Grown in Eastern Division:

At Chatham:

	Bushels	Bushels
Wheat—No. 1 C.E. Red Winter.....	2,709-00	
Corn—No. 2 C.E. Yellow.....	17,448-00	
Sample C.E.....	126-00	
Soybeans—No. 1 C. Yellow.....	127,945-00	
No. 2 C. Yellow.....	183-00	
Sample C.....	15-00	148,426-00

Car Loads—

Grain Grown in Eastern Division:

At Montreal:

At Toronto:

At Chatham:

	Cars	Cars
At Montreal.....	40	
At Toronto.....	959	
At Chatham.....	3,825	4,824

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1944 TO JULY 31, 1945

	Bushels	Bushels
Western Grain.....	186,584,253	
Eastern Grain.....	16,037	186,600,290
Montreal.....	91,935,506	
Sorel.....	17,602,714	
Three Rivers.....	15,388,158	
Quebec.....	9,146,650	
St. John.....	31,828,256	
Halifax.....	20,699,006	186,600,290

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		29	2	31
No. 2 C.E. White Winter.....		5		5
No. 1 C.E. Red Winter.....		9	12	21
No. 2 C.E. Red Winter.....			2	2
No. 1 C.E. Mixed Winter.....		685	135	820
No. 2 C.E. Mixed Winter.....		55	8	63
No. 3 C.E. Mixed Winter.....		2	2	4
No. 4 C.E. Mixed Winter.....		1		1
Tough.....		11	12	23
Smutty.....		36	3	39
Sample.....		24	1	25
<i>Corn—</i>				
Extra Dry No. 1 C.E. Yellow.....		1	14	15
No. 1 C.E. Yellow.....		1	246	247
Extra Dry No. 2 C.E. Yellow.....			3	3
No. 2 C.E. Yellow.....			25	25
No. 3 C.E. Yellow.....			3	3
Extra Dry No. 4 C.E. Yellow.....			1	1
No. 5 C.E. Yellow.....			1	1
Extra Dry No. 1 C.E. White.....			2	2
No. 1 C.E. White.....			2	2
No. 1 C.E. Mixed.....			1	1
Tough.....	1	3	548	552
Damp.....		9	697	706
Moist.....	5	9	1,112	1,126
Wet.....			149	149
Sample.....	1	1	2	4
<i>Buckwheat—</i>				
No. 1 C.E.....		1		1
No. 2 C.E.....	1			1
Tough.....	2	1	2	5
Damp.....			4	4
Sample.....			1	1
<i>Oats—</i>				
No. 2 C.E. White.....			1	1
<i>Barley—</i>				
No. 2 C.E. Six Row.....		1	1	2
<i>Flax—</i>				
No. 1 C.E.....	3	2		5
No. 2 C.E.....	6			6
No. 3 C.E.....	4	1		5
No. 4 C.E.....	2			2
Tough.....	14	3		17
Sample.....	1			1
<i>Pea Beans—</i>				
No. 1 C.E.....			411	411
No. 2 C.E.....			102	102
No. 3 C.E.....			27	27
No. 4 C.E.....			4	4
Tough.....			105	105
Damp.....			6	6
Sample.....			2	2
<i>Soybeans—</i>				
No. 1 Canada Yellow.....		57	110	167
No. 2 Canada Yellow.....		3	22	25
No. 3 Canada Yellow.....			6	6
No. 4 Canada Yellow.....			3	3
Tough.....		10	32	42
Sample.....			3	3

APPENDIX No. 6

REPORT OF THE GRAIN WEIGHMASTER

J. RAYNER, Esquire,
Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year 1944-45.

Weighing Services

In accordance with Section 91 and 123 of the Act, weighing services were supplied at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and discharged out of these elevators. At elevators operating under a Mill Elevator licence, weighing services were also supplied as required under Section 99, Part 2 of the Act. In the Eastern Division weighing services were supplied on a fees basis at the following Eastern Elevators: The Goderich Elevator and Transit Company, Goderich; The Purity Flour Mills Limited, Goderich; Canada Steamship Lines Limited, Midland; Midland Simcoe Elevator Company, Ltd., Aberdeen Elevator Company, Ltd., Midland; Canadian National Railways Company, Midland; Canadian Pacific Railways, Port McNicoll; The Great Lakes Elevator Company, Ltd., Owen Sound; Sarnia Elevator Company, Ltd., Sarnia and Toronto Elevators Limited, Toronto. The equipment used for receiving, discharging and weighing of grain in licensed elevators where weighing services have been supplied, has been continually under the supervision of officers of this Branch and the up-keep has been invariably good.

Inspection of Scales

In accordance with the Weights and Measures Act and Regulations 1929, Chapter 212, Section 50, I carried out the annual inspection of scales under my authority as Terminal Elevator Scale Inspector with the help of my Assistant in the following elevators—all terminal elevators at Port Arthur and Fort William; the Canadian Government Interior Elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge; those elevators discharging grain to vessels at tide water at the Pacific coast and the National Harbours Board Elevator at Port Churchill for which certificates of verification were issued.

Owing to the transfer of Mr. P. J. Marples, it was necessary for me to conduct the inspection of scales in elevators licensed as Eastern Elevators as required under the Weights and Measures Act, and for which certificates of verification were issued.

Semi-annual inspections of practically all scales in the Western Division were made, and also special inspections of scales in elevators in the Eastern and Western Division were made whenever thought necessary.

The weighing of large quantities of grain from temporary storages has meant considerable extra work for this Branch, and the stocks in store in these temporary storages has now been greatly reduced.

Car Shortages

Considering that over 353,000 cars of grain were handled in the Western Division, very few complaints of shortages have been received. All complaints received were thoroughly investigated and where the investigation warranted,

adjustments have been made. There are still legitimate complaints of shortages received on the outturns of cars, cause of which is difficult to determine, but apparently due to cars leaking and coopered in transit, theft of grain from cars both in transit and in the Railway Yards in spite of the careful measures taken by the Railway Companies to prevent it.

Vessel Shortages

Reported shortages on the outturns of vessel cargoes ex the Lakehead and unloaded at Eastern Canadian and American Ports continue to show about the same average shortage as in previous years. The general average reported shortage on wheat cargoes loaded during the year and unloaded at Canadian and American Ports was 27·67 pounds per thousand bushels. There were 2,160 cargoes loaded at the Lakehead elevators during the crop year.

The Montreal representative of this Branch attended to several complaints where mishaps occurred, both when unloading canal vessels and delivering grain to deep sea vessels to the satisfaction of all parties concerned. Very few complaints were received from shipments made from Atlantic and Pacific ports, but those received were thoroughly investigated and reports submitted to the Board.

Annual Audits

The annual weighover of all grain in store in all Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat and the two top grades of garnet wheat in Private Terminal Elevators in the Western Division were conducted during the crop year wherever it was possible to do so, and in cases where it was found impossible to weighover, an estimated audit was made as required under Order in Council P.C. 5298. In elevators in the Eastern Division operating under an Eastern Elevator licence, all grain was weighed over during the year as required under the Act, or estimated as required by Order in Council P.C. 5298. Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustment of outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators in accordance with the Provision of Section 138 and 138A of the Canada Grain Act. Statements of all estimated audits that were conducted under Order in Council P.C. 5298 were also prepared and forwarded to the Board.

There are attached statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the Lakehead to Canadian and American Ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1945.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	362,320,128-20	428,221-40	1,276-30	362,749,626-30
Oats.....	108,673,333-24	125,254-04		108,798,587-28
Barley.....	60,088,617-24	110,966-32		60,199,584-08
Rye.....	4,327,793-33	15,676-16	7,845-10	4,351,315-03
Flaxseed.....	7,949,175-39	10,690-02	4,252-18	7,964,118-03
Canadian Corn.....	63,023-22	54,729-04		117,752-26
Mixed Grain.....	54,910,025 lbs.	10,974,600 lbs.		65,884,625 lbs.
Sunflower Seed.....	81,550 lbs.	330 lbs.		81,880 lbs.
All Screenings.....	27,836,762 lbs.	7,042,630 lbs.		34,879,392 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	324,569,627-10	6,046,190-50	1,276-30	431,610-20	331,048,704-50
Oats.....	99,243,394-28	14,305,046-29		120,091-16	113,668,533-05
Barley.....	55,434,545-44	5,988,484-39		104,298-42	61,527,329-29
Rye.....	5,646,943-31	200,854-33	7,845-10	14,958-24	5,870,601-42
Flaxseed.....	5,501,168-12	1,621,289-38	4,252-18	11,471-18	7,138,181-30
Canadian Corn.....		35,106-18		54,763-22	89,869-40
Mixed Grain.....	11,719,990 lbs.	13,344,242 lbs.		11,295,795 lbs.	36,360,027 lbs.
Sunflower Seed.....		1,169,760 lbs.		28,320 lbs.	1,198,080 lbs.
All Screenings.....	360,402,190 lbs.	105,858,580 lbs.		7,184,780 lbs.	473,445,550 lbs.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1944-45
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscel- laneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	14,804,484-00	4,387,631-00	1,154,842-00	245,841-00	55,183-00	97,744-00	246,992-00	14,031,290
Victoria.....	855,466-00	2,041-00						
Prince Rupert.....								
Churchill.....								
Calgary.....	571,302-00	133,300-00	244,169-00	3,311-00	16,053-00	6,518-00		6,960
Edmonton.....	1,010,838-00	360,000-00	33,142-00		1,577-00	10,026-00		1,018,670
Lethbridge.....	3,184-00	11-00			1,660-00			31,050
Moose Jaw.....	3,054,880-00	80,107-00			2,287-00			4,723,140
Saskatoon.....	3,467,774-00	69,868-00	11,105-00		5,279-00			268,207
North Transcona and Kenora.....				1,104-00	1,595-00	1,823-00		194,700

GRAIN COMMISSION

47

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1944-45
IN ELEVATORS AT THE FOLLOWING POINTS—*Concluded*

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscel- laneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	15,309,702-00	4,511,159-00	1,122,136-00	236,562-00	54,640-00	75,144-00	228,252-00	20,113,920
Victoria.....	288,213-00	18,823-00						740,000
Prince Rupert.....	224,000-00							
Churchill.....	75-00							
Calgary.....	391,962-00	128,779-00	237,834-00	3,376-00	13,314-00	5,219-00		1,135,530
Edmonton.....	447,177-00	363,526-00	40,546-00		1,430-00	4,990-00		1,861,141
Lethbridge.....	259,716-00	11-00			1,409-00			83,450
Moose Jaw.....	3,560,661-00	79,732-00			651,954-00			12,050,272
Saskatoon.....	3,340,980-00	70,953-00	10,979-00		9,007-00			4,989,474
North Transcona and Kenora.....	743,496-00			1,104-00	1,595-00	1,823-00		113,200

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR 1944-1945

Kenora.....	439
Keewatin.....	7,121
Winnipeg.....	17,955
Saskatoon.....	5,905
Moose Jaw.....	4,584
Calgary.....	5,055
Edmonton.....	1,140
Medicine Hat.....	4,397
Lethbridge.....	6
Total.....	46,602

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1944-1945

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	16,050	2,906	253
Elevators, excluding Lakehead.....	2,102	657	148
Total.....	18,152	3,563	401

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	15,138	759	130
Elevators, excluding Lakehead.....	1,979	173	54
Total.....	17,117	932	184
Total both roads.....	35,269	4,495	585

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	2,953	1,079
C.N.R. Yards.....	1,765	770
Total.....	4,718	1,849

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
OF THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Lbs. per 1,000 bushels
Wheat.....	220,696,971-20	Short 27·85
Oats.....	33,859,913-20	Short 22·51
Barley.....	22,586,013-35	Short 32·30
Rye.....	1,678,998-08	Short 54·91
Flaxseed.....	1,699,265-30	Short 13·06
Screenings.....	33,839-0040 tons	Short 1·37 lbs. per ton

AMERICAN PORTS

Wheat.....	104,034,023-00	Short 27·29
Oats.....	65,382,826-04	Short 27·14
Barley.....	32,981,670-05	Short 53·37
Rye.....	3,985,593-45	Short 110·62
Flaxseed.....	3,801,666-54	Short 50·26
Screenings.....	149,643-1734 tons	Short 33 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	324,730,999-20	Short 27·67
Oats.....	99,242,739-24	Short 25·56
Barley.....	55,567,683-40	Short 44·81
Rye.....	5,664,591-53	Short 94·10
Flaxseed.....	5,500,932-28	Short 38·76
Screenings.....	183,482-1774 tons	Short 52 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORSFORT WILLIAM, ONT.,
December 10, 1945.The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1944-45.

ELEVATORS OPERATED

The interior elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were all operated during the entire year under Public Terminal Elevator licences.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continued to be operated by McCabe Bros. Grain Co. Ltd. under lease covering a term of five years from August 1, 1944.

TARIFF OF CHARGES

The tariff of charges for handling, storing, cleaning and drying of grain remained the same as that in effect the previous year.

VOLUME OF GRAIN HANDLED

As will be seen from the statement below, the amount of grain received into the elevators during the crop year was 4,772,978 bushels greater than that received during the previous year. Shipments from interior elevators amounted to 9,693,745 bushels, an increase of 3,559,196 bushels over the previous year. Shipments from Prince Rupert were 101,999 bushels, making total shipments from all points 9,795,744 bushels.

Stocks in store at July 31, 1945, amounted to 10,778,159 bushels which was 205,419 bushels greater than the amount in store July 31, 1944.

Comparative statement of grain received at each elevator during the last two crop years—

Elevator	1943-44	1944-45	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	1,607,947	3,081,883		1,473,936
Saskatoon.....	904,295	3,384,867		2,480,572
Calgary.....	625,834	938,966		313,132
Edmonton.....	801,756	1,377,580		575,824
Lethbridge.....	75,191	4,705	70,486	
Prince Rupert.....	Nil	Nil		
	4,015,023	8,788,001	70,486	4,843,464

Increase..... 4,772,978

The above figures do not include Sunflower Seed, of which, at November 30, 1945, there was in store at Moose Jaw 4,643,965 pounds and at Saskatoon 534,555 pounds. This commodity is being moved to processing plants as required, but the movement to date has been very light.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

As far as available materials and labour would permit the buildings, equipment and trackage at all the elevators have been maintained in good condition, expenditures for this purpose being included in operating costs.

Major repairs and replacements include the following items—

BUILDINGS

Port Arthur—Repairs to interior bin walls and tripper galleries.

Moose Jaw—Repairs to storage annex roof.

Calgary—Repairs to storage annex roof and cupola walls (not completed).

EQUIPMENT

Port Arthur—Repairs to Drier, Scales and Garners.
One new conveyer belt.

Moose Jaw—Repairs to cyclones.
700 Elevator Buckets.

Calgary—One New Chain Drive.

TRACAGE

Replacements made during the year were as follows:—

Port Arthur—3 sets Treated Switch Ties.

Moose Jaw—500 Treated Track Ties.

Saskatoon—1,000 Treated Track Ties.
64 Treated Switch Ties.

Calgary—121 Treated Switch Ties.

Edmonton—1,000 Treated Track Ties.

Plans and specifications are now being prepared with a view to the installation of dust control systems, emergency exits and other safety measures at Port Arthur and interior elevators.

STAFFS

Staffs at all points have been maintained at the minimum of requirements. One permanent employee resigned on account of ill-health, two temporary employees resigned to accept positions elsewhere and one temporary employee died. The four vacancies thus created are being filled by temporary appointments. Two temporary employees were granted permanent status and one temporary employee returned from military leave.

FINANCIAL RESULTS OF OPERATION

Gross earnings for the fiscal year ended March 31, 1945, amounted to \$858,929.12 and expenditures \$516,195.25, leaving a surplus of \$342,733.87, compared with \$662,466.37 in the previous fiscal year.

This decrease of \$319,732.50 is accounted for by reductions in revenue from storage \$136,473.11 and cleaning \$63,594.35 and an increase in maintenance expenditures of \$95,014.04 due to the extensive repairs to the wharf and gallery supports at Prince Rupert elevator.

Following the procedure of former years no provision is made in the financial statements to cover depreciation of plants and equipment, but, as stated above, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

January 11, 1946.

Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1945.

During the year the writer made extended visits to the United States and to Great Britain to study the quality requirements of markets for certain grains and grain products in these countries. During January and February, Mr. T. J. Harrison, Assistant Commissioner for Manitoba, and the writer spent five weeks in the United States visiting the principal maltsters and maltster-brewers to study their requirements with a view to maintenance and expansion of the market for some 30 million bushels of Canadian malting barley per year which has recently developed. As a result of the information collected during this visit, and by virtue of research on malting quality in this laboratory and elsewhere in Canada during the past ten years, certain changes in the grades for barley were subsequently adopted by the Board. These involved the segregation from grades 2 and 3 C.W. barley of the white and yellow smooth-awned varieties, and the establishment of two special grades for this type of barley. These changes were well received by the United States maltsters for whom they were made. It is unfortunate that no advantage could be taken of them during the fall of 1945 owing to the embargo placed on the export of barley because of the shortage of feed in Canada.

During November and December the writer visited Great Britain to study the changes that had taken place in milling and baking practices during the war and the effects of these and of government policies on the quality requirements of the British market for Canadian wheat and flour. Valuable contacts were made with the leading cereal chemists in the United Kingdom, and information was also collected on the latest advances in laboratory methods, and in cereal chemistry generally, in that country. Reports on various parts of the information thus collected are in preparation.

The need for expansion of the staff and facilities of the Grain Research Laboratory after the war was anticipated by the preparation of detailed plans, and authority to proceed with these was obtained in December. The rebuilding of the staff, which was diluted during the war by the substitution of untrained girls for experienced men who left to join the forces or to take part in war research, has already commenced. Ex-servicemen recently appointed to the staff include three university graduates, D. K. Cunningham, B.A., G. N. Irvine, B.Sc., A. E. Paull, B.A., and O. B. Peters, R. J. Cheale, and H. C. Black, appointed to the sub-professional staff. During the year the laboratory lost an able member of its staff when Mr. W. J. Eva, who had been with us for 18 years, resigned to take a position as Chief Chemist of the St. Lawrence Flour Mills Company, Limited, Montreal. Several of the girls who had worked in the laboratory during the war also resigned for one reason or another.

In spite of difficulties created by changes in staff, the laboratory was able to maintain all services at a normal level during 1945. The collection and study of samples of new crops in order to provide information for the Western

Committee on Grain Standards presented no special problems. The quality characteristics of durum wheat, barley, and flax were similar to those of the preceding year, but hard red spring wheat was appreciably higher in baking strength than in 1914. Crop bulletins dealing with the quality and protein content of hard red spring wheat, durum wheat, barley, and flax, and a coloured map for spring wheat were printed and distributed during the fall. As in previous years, assistance was given in the preparation of tentative standard samples and tentative export standard samples of bread and durum wheats, and supervision of moisture tests in all offices of the Inspection Branch was continued.

Studies of new varieties of bread wheat were continued in co-operation with the Associate Committee on Grain Research and the Northwest Crop Improvement Association. In the report for 1944 it was noted that steps had been taken to re-establish the more extensive testing of a selected group of new varieties by collaboration with cereal chemists in the United Kingdom and the United States. The collaborative study initiated late in 1944 was successfully completed early in 1945, and a further study of varieties grown in 1945 is now under way. The value of these studies in establishing the confidence of United Kingdom millers in Canadian test methods, and in the care taken in selecting new varieties for possible distribution, can hardly be overestimated.

During the year the laboratory forwarded to the Board 42 reports, 19 of which were published. The published reports included the Annual Report of the laboratory, four crop bulletins, and five press releases giving preliminary information on the quality of spring wheat and barley. In addition, the following papers have been published or are in press in various scientific journals.

- ANDERSON, J. A. Canadian research on malting barley. *Empire J. Exp. Agr.* I. Malting tests and qualities. 12:219-232, No. 48, 1944. II. The relations between certain barley and malt properties. 13:1-10, No. 49, 1945.
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- ANDERSON, J. A. The preparation of illustrations and tables. *Trans. Amer. Assoc. Cereal Chem.* 3:74-104. 1945.
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A detailed report of the work of the Grain Research Laboratory has been prepared. In accordance with past practice it is recommended that this report be published separately with the object of putting on record data on the quality of the more important Canadian grain crops and progress reports of laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945

(a) WINNIPEG—

Revenue—

Licence Fees.....		\$	30,455 00
Registration.....	\$	20,673 21	
Cancellation Fees.....		19,881 84	
			40,555 05
Inspection Fees.....		317,481 14	
Samples Sold.....		13,076 99	
Cargo Certificate Splits.....		177 40	
Sampling Fees.....		707 70	
Refund Express.....		1,718 00	
Sundries.....		820 50	
			333,981 73
Appeal Fees.....			1,608 00
Weighing Fees.....		24,117 85	
Condition Reports.....		243 25	
			24,361 10
			\$ 430,960 88

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	10,258 41
Licensing and Bonding.....	13,851 42

Rents—

Executive Office.....	3,278 50
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	2,275 50
-----------------------	----------

General Expenses—

Grain Commission.....	3,143 11
Licensing and Bonding.....	496 65

Printing and Stationery—

Grain Commission.....	1,215 99
Licensing and Bonding.....	226 88

Assistant Commissioner's Office—

Salaries.....	9,143 53
Rent.....	543 12
Travelling Expenses.....	840 58
General Expenses.....	145 51
Printing and Stationery.....	4 08

83,097 72

Grain Research Laboratory—

Salaries.....	38,203 65
Rent.....	8,419 20
Travelling Expenses.....	1,054 34
General Expenses.....	8,825 19
Printing and Stationery.....	2,323 01

58,825 39

Registration Branch—

Salaries.....	13,934 18
Rent.....	1,381 44
General Expenses.....	355 57
Printing and Stationery.....	28 39

15,699 58

Accounts—

Salaries.....	8,777 82
General Expenses.....	359 34
Printing and Stationery.....	407 11

9,544 27

Inspection Branch—

Salaries.....	325,775 60
Rent.....	15,848 60
Travelling Expenses.....	2,111 63
General Expenses.....	12,329 30
Printing and Stationery.....	6,442 75

362,507 88

Weighing Branch—

Salaries.....	32,839 02
Rent.....	1,282 92
General Expenses.....	390 59
Travelling Expenses.....	10 10
Printing and Stationery.....	2 45

34,525 08

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945—Continued

(a) WINNIPEG—Concluded			
<i>Expenditure—Con.</i>			
<i>Grain Appeal Branch—</i>			
Salaries.....	\$	4,380 00	
Rent.....		369 12	
General Expenses.....		1,161 00	
Printing and Stationery.....		87 52	
		<u>5,997 64</u>	
<i>Grain Standards Committee—</i>			
Travelling Expenses.....		1,320 58	
General Expenses.....		1,280 00	
		<u>2,600 58</u>	
			\$ 572,798 14
(b) CHURCHILL—			
<i>Revenue—</i>			
Inspection Fees.....		Nil	
Weighing Fees.....		Nil	
<i>Expenditure—</i>			
<i>Inspection Branch—</i>			
Travelling Expenses.....		Nil	
General Expenses.....		Nil	
<i>Weighing Branch—</i>			
Salaries.....		Nil	
Travelling Expenses.....		71 70	
			71 70
(c) KEEWATIN—			
<i>Revenue—</i>			
Weighing Fees.....		7,433 00	
			7,433 00
<i>Expenditure—</i>			
Salaries—Inspection Branch.....		2,659 68	
Salaries—Weighing Branch.....		5,076 24	
General Expenses—Weighing Branch.....		77 08	
		<u>5,153 32</u>	
			7,813 00
(d) SASKATOON—			
<i>Revenue—</i>			
Inspection Fees.....		8,682 26	
Samples Sold.....		396 09	
Sundries.....		2 00	
		<u>9,080 35</u>	
Weighing Fees.....		9,236 14	
			18,316 49
<i>Expenditure—</i>			
<i>Assistant Commissioner's Office—</i>			
Salaries.....		9,115 08	
Travelling Expenses.....		631 94	
General Expenses.....		151 56	
		<u>9,898 58</u>	
<i>Inspection Branch—</i>			
Salaries.....		14,262 42	
Rent.....		877 00	
General Expenses.....		551 01	
Printing and Stationery.....		128 13	
		<u>15,818 56</u>	
<i>Weighing Branch—</i>			
Salaries.....		10,920 09	
General Expenses.....		9 44	
		<u>10,929 53</u>	
			36,646 67
(e) MOOSE JAW—			
<i>Revenue—</i>			
Inspection Fees.....		7,910 58	
Samples Sold.....		518 01	
Sundries.....		7 50	
Sampling Fees.....		71 00	
		<u>8,507 09</u>	
Weighing Fees.....		8,256 08	
			16,763 17
<i>Expenditure—</i>			
<i>Inspection Branch—</i>			
Salaries.....		12,580 95	
Rent.....		900 00	
General Expenses.....		663 75	
Printing and Stationery.....		258 05	
		<u>14,402 75</u>	

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945—*Continued*

(e) MOOSE JAW—*Concluded**Expenditure—Con.**Weighing Branch—*

Salaries.....	\$ 8,933 02	
General Expenses.....	38 90	
	<hr/>	\$ 8,971 92

23,374 67

(f) MEDICINE HAT—

Revenue—

Inspection Fees.....	3,584 00	
Samples Sold.....	301 82	
	<hr/>	3,885 82
Weighing Fees.....		4,230 16

8,115 98

*Expenditure—**Inspection Branch—*

Salaries.....	4,765 27	
Rent.....	240 00	
General Expenses.....	158 85	
Printing and Stationery.....	1 85	
	<hr/>	5,165 97

Weighing Branch—

Salaries.....	4,704 36	
General Expenses.....	4 00	
	<hr/>	4,708 36

9,874 33

(g) LETHBRIDGE—

Revenue—

Inspection Fees.....	2,436 15	
Samples Sold.....	173 61	
Sundries.....	40 00	
	<hr/>	2,649 76
Weighing Fees.....		57 65

2,707 41

*Expenditure—**Inspection Branch—*

Salaries.....	6,475 69	
Travelling Expenses.....	788 37	
General Expenses.....	244 45	
	<hr/>	7,508 51

Weighing Branch—

Salaries.....	4,379 16	
General Expenses.....	10 00	
	<hr/>	4,389 16

11,897 67

(h) CALGARY—

Revenue—

Inspection Fees.....	14,552 56	
Samples Sold.....	855 44	
Refund—Express.....	47 50	
Sundries.....	316 00	
	<hr/>	15,771 50
Weighing Fees.....		7,311 34

23,082 84

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	9,341 04	
Rent.....	828 00	
Travelling Expenses.....	198 13	
General Expenses.....	229 48	
Printing and Stationery.....	3 30	
	<hr/>	10,599 95

Inspection Branch—

Salaries.....	37,526 83	
Rent.....	3,001 00	
Travelling Expenses.....	180 75	
General Expenses.....	1,882 47	
Printing and Stationery.....	365 60	
	<hr/>	42,956 65

Weighing Branch—

Salaries.....	20,470 34	
Rent.....	314 04	
Travelling Expenses.....	65 27	
General Expenses.....	182 65	
	<hr/>	21,032 30

Grain Appeal Tribunal—

Salaries.....	702 00	
Rent.....	420 00	
General Expenses.....	77 00	
	<hr/>	1,199 00

75,787 90

GRAIN COMMISSION

57

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945—Continued

(i) PRINCE RUPERT—

Revenue—

Inspection Fees.....	\$	112 00	
Weighing Fees.....		112 00	
			\$ 224 00

Expenditure—

Inspection Branch—

Travelling Expenses.....		498 00	
--------------------------	--	--------	--

Weighing Branch—

Salaries.....	\$	2,466 66	
Travelling Expenses.....		391 50	
		2,858 16	
			3,356 16

(j) EDMONTON—

Revenue—

Inspection Fees.....	19,075 70		
Samples Sold.....	786 28		
Refund—Express.....	113 00		
Sundries.....	62 00		
		20,036 98	
Weighing Fees.....	4,446 62		
Appeal Fees.....	753 00		
		5,199 62	
			25,236 60

Expenditure—

Inspection Branch—

Salaries.....	45,221 64		
Rent.....	3,834 00		
General Expenses.....	1,872 26		
Printing and Stationery.....	273 02		
Travelling Expenses.....	73 16		
		51,274 08	

Weighing Branch—

Salaries.....	9,160 94		
General Expenses.....	107 45		
		9,268 39	

Grain Appeal Tribunal—

Salaries.....	4,701 96		
Rent.....	510 00		
General Expenses.....	611 62		
Printing and Stationery.....	1 31		
		5,824 89	
			66,367 36

(k) VANCOUVER—

Revenue—

Inspection Fees.....	9,215 76		
Samples Sold.....	1,067 82		
		10,283 58	
Weighing Fees.....		20,962 65	
Registration Fees.....	657 97		
Cancellation Fees.....	435 28		
		1,093 25	
			32,339 48

Expenditure—

Inspection Branch—

Salaries.....	53,558 63		
Rent.....	4,239 00		
Travelling Expenses.....	19 00		
General Expenses.....	1,817 78		
Printing and Stationery.....	770 75		
		60,405 16	

Weighing Branch—

Salaries.....	56,639 31		
Rent.....	1,659 00		
General Expenses.....	858 47		
Printing and Stationery.....	0 95		
		59,157 73	

Registration Branch—

Salaries.....	4,619 16		
Rent.....	1,092 00		
General Expenses.....	169 86		
		5,881 02	
			125,443 91

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945—*Continued*

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	\$ 500,932 38	
Samples Sold.....	17,421 45	
Cargo Certificate Splits.....	15 90	
	<hr/>	\$ 518,369 73
Weighing Fees.....		780,412 44
		<hr/>
		\$ 1,298,782 17

*Expenditure—**Inspection Branch—*

Salaries.....	396,326 31	
Rent.....	12,206 88	
Travelling Expenses.....	2,858 43	
General Expenses.....	9,052 76	
Printing and Stationery.....	3,209 23	
	<hr/>	423,653 61

Weighing Branch—

Salaries.....	286,129 73	
Rent.....	2,851 68	
Travelling Expenses.....	10,000 12	
General Expenses.....	3,127 77	
Printing and Stationery.....	1,759 85	
	<hr/>	303,869 15

Assistant Commissioner's Office—

Salaries.....	8,882 94	
Rent.....	540 00	
General Expenses.....	192 65	
	<hr/>	9,615 59

Statistical Branch—

Salaries.....	44,983 95	
Rent.....	3,390 00	
Travelling Expenses.....	67 20	
General Expenses.....	3,116 73	
Printing and Stationery.....	1,512 77	
	<hr/>	53,070 65

790,209 00

(m) TORONTO—

Revenue—

Inspection Fees.....	1,632 53	
Sampling Fees.....	20 00	
Samples Sold.....	41 93	
Cargo Certificate Splits.....	1 90	
	<hr/>	1,696 36
Weighing Fees.....		91 35
		<hr/>
		1,787 71

*Expenditure—**Inspection Branch—*

Salaries.....	5,141 04	
Rent.....	540 00	
General Expenses.....	327 35	
	<hr/>	6,008 39

(n) MONTREAL—

Revenue—

Inspection Fees.....	1,562 00	
Sampling Fees.....	853 89	
Samples Sold.....	221 95	
Cargo Certificate Splits.....	493 40	
	<hr/>	3,131 24
Registration Fees.....	3,513 55	
Cancellation Fees.....	3,459 67	
	<hr/>	6,973 22
Weighing Fees.....		15 00
		<hr/>
		10,119 46

*Expenditure—**Inspection Branch—*

Salaries.....	39,015 66	
Rent.....	1,940 04	
Travelling Expenses.....	3,618 95	
General Expenses.....	811 58	
Printing and Stationery.....	127 65	
	<hr/>	45,513 88

Weighing Branch—

Salaries.....	2,328 12	
Rent.....	480 00	
Travelling Expenses.....	497 50	
General Expenses.....	215 62	
Printing and Stationery.....	414 52	
	<hr/>	3,935 76

GRAIN COMMISSION

59

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1945—*Concluded***(n) MONTREAL—*Concluded****Expenditure—Con.**Registration Branch—*

Salaries.....	\$ 5,631 90
Rent.....	420 00
General Expenses.....	314 98
Printing and Stationery.....	2 43

\$ 6,369 31

\$ 55,818 95

(o) CHATHAM—*Revenue—*

Inspection Fees.....	3,208 62
Samples Sold.....	199 24
Sampling Fees.....	6,229 50

9,637 36
*Expenditure—**Inspection Branch—*

Salaries.....	12,131 42
Rent.....	420 00
Travelling Expenses.....	5,193 43
General Expenses.....	822 61
Printing and Stationery.....	18 03

18,585 49
(p) VICTORIA—*Revenue—*

Inspection Fees.....	192 72
Samples Sold.....	29 80
Weighing Fees.....	222 52
	723 72

946 24
*Expenditure—**Inspection Branch—*

Salaries.....	3,064 06
General Expenses.....	8 50
	3,072 56

Weighing Branch—

Salaries.....	2,538 12
Travelling Expenses.....	121 95
	2,660 07

5,732 63
(q) KENORA—*Revenue—*

Weighing Fees.....	129 51
--------------------	--------

*Expenditure—**Weighing Branch—*

Salaries.....	95 51
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GRAIN COMMISSION

61

EXPENDITURE

Winnipeg.....	362,507 88	34,525 08	5,997 64	15,999 58	83,097 72	9,544 27	58,825 39	2,600 58	572,798 14
Keewatin.....	2,659 68	5,153 32	.....	.....	.....	.....	.....	.....	.....	7,813 00
Saskatoon.....	15,818 56	10,929 53	.....	.....	9,898 58	.....	.....	.....	.....	36,646 67
Moose Jaw.....	14,402 75	8,971 92	.....	.....	.....	.....	.....	.....	.....	23,374 67
Medicine Hat.....	5,165 97	4,708 36	.....	.....	.....	.....	.....	.....	.....	9,874 33
Lethbridge.....	7,508 51	4,389 16	.....	.....	.....	.....	.....	.....	.....	11,897 67
Calgary.....	42,956 65	21,032 30	1,199 00	.....	10,599 95	.....	.....	.....	.....	75,787 90
Edmonton.....	51,274 08	9,208 39	5,824 89	.....	.....	.....	.....	.....	.....	66,367 36
Vancouver.....	60,405 16	59,157 73	.....	5,881 02	.....	.....	.....	.....	.....	125,443 91
Fort William.....	423,653 61	303,869 15	.....	.....	9,615 59	53,070 65	.....	.....	.....	790,209 00
Toronto.....	6,008 39	.....	.....	.....	.....	.....	.....	.....	.....	6,008 39
Montreal.....	45,513 88	3,935 76	.....	6,369 31	.....	.....	.....	.....	.....	55,818 95
Chatham.....	18,585 49	.....	.....	.....	.....	.....	.....	.....	.....	18,585 49
Victoria.....	3,072 56	2,660 07	.....	.....	.....	.....	.....	.....	.....	5,732 63
Kenora.....	.....	95 51	.....	.....	.....	.....	.....	.....	95 51	.....
Churchill.....	.....	71 70	.....	.....	.....	.....	.....	.....	71 70	.....
Prince Rupert.....	498 00	2,858 16	.....	.....	.....	.....	.....	.....	.....	3,356 16
	1,060,031 17	471,626 14	13,021 53	27,949 91	113,211 84	53,070 65	9,544 27	58,825 39	2,600 58	1,809,881 48

Total Revenue.....\$ 1,886,587 30

Total Expenditure.....1,809,881 48

Net Surplus.....\$ 76,705 82

SUMMARY OF OPERATION BY BRANCHES

REVENUE

—	Inspection	Weighing	Appeal Boards	Registration	Commission	Statistical	Accounting	Research Laboratory	Grain Standards	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fees.....	890,578 40	867,540 51	2,361 00	48,621 52	30,455 00					1,839,556 43
Sampling.....	7,882 09									7,882 09
Express Charges.....	1,878 50									1,878 50
Cargo Sheets.....	688 60									688 60
Samples Sold.....	35,090 43									35,090 43
Condition Reports.....		243 25								243 25
Sundries.....	1,248 00									1,248 00
	937,366 02	867,783 76	2,361 00	48,621 52	30,455 00					1,886,587 30

EXPENDITURE

Salaries.....	958,505 20	446,680 62	9,783 96	24,185 24	97,212 42	44,983 95	8,777 82	38,203 65		1,628,332 86
Rents.....	44,046 52	6,587 64	1,299 12	2,893 44	6,244 06	3,390 00		8,419 20		72,879 98
Travel.....	15,341 72	11,158 14			3,946 15	67 20		1,054 34	1,320 58	32,888 13
Expenses.....	30,542 67	5,021 97	1,849 62	840 41	4,338 96	3,116 73	359 34	8,825 19	1,280 00	56,104 89
Printing and Stationery.....	11,595 06	2,177 77	88 83	30 82	1,450 25	1,512 77	407 11	2,323 01		19,585 62
	1,060,031 17	471,626 14	13,021 53	27,949 91	113,211 84	53,070 65	9,544 27	58,825 39	2,600 58	1,809,881 48

Total Revenue..... 1,886,587 30

Total Expenditure..... 1,809,881 48

Net Surplus..... 76,705 82

APPENDIX No. 10

REGULATIONS OF THE BOARD

During 1945 Regulations Nos. 1, 36, 37, 38, 39, 40, 41 and 43 were amended. The Regulations of the Board in effect at 31st December, 1945, are as follows:—

- No. 1—Registration and Cancellation of Terminal Warehouse Receipts.
 - 4—Inspection of Samples taken other than at Inspection Point.
 - 11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
 - 14—Construction of Elevators.
 - 21—Cleaning Grain and Bins.
 - 22—Fees.
 - 23—Form of Terminal Warehouse Receipt.
 - 35—Registration and Cancellation of Transfer and Eastern Warehouse Receipts.
 - 36—Delivery of Grain to Ocean Vessels at Montreal.
 - 37—Maximum Tariff of Charges and Shrinkage Allowance for Licensed Country Elevators.
 - 38—Maximum Tariff of Charges—Terminal Elevators at Fort William-Port Arthur and Winnipeg.
 - 39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
 - 40—Maximum Tariff of Charges—Terminal Elevators West of Calgary.
 - 41—Maximum Tariff of Charges at the Terminal Elevator at Churchill, Manitoba.
 - 42—Maximum Tariff of Charges for Handling Grain at Eastern Elevators.
 - 43—Procedure—Country Elevators.
 - 44—Drying of Grain.
 - 45—Records, Reports and Returns.
 - 46—Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
 - 47—Inspection of Grain at The Pas, Manitoba.
 - 48—Names and Definitions of "Off Grades" for Western Grain.
 - 49—Names and Definitions of "Off Grades" for Eastern Grain.
 - 50—Names and Definitions of Grades for Screenings.
 - 51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.
 - 52—Binning of Tough Wheat with Straight Grade Wheat.
 - 53—Enforcement of Lien by Sale of Grain.
 - 54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
 - 55—Delivery of Grain to Ocean Vessels at West Saint John, New Brunswick.
 - 56—Inspection of Grain, Lethbridge and Coutts, Alberta.
 - 57—Delivery of Grain to Ocean Vessels at East Saint John, New Brunswick.
 - 58—Delivery of Grain to Ocean Vessels at Halifax, Nova Scotia.
 - 59—Maximum Tariff of Charges for Handling Sunflower Seed at Licensed Elevators.

1 DA 12
56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
M. W. MACKENZIE

ANNUAL REPORT

OF THE

Board of Grain Commissioners for Canada

FOR THE YEAR

1946



OTTAWA

EDMOND CLOUTIER, C.M.G., B.A., L.P.R.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1947

Price 25 cents



CAIDA 12
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
M. W. MACKENZIE

ANNUAL REPORT

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1947

TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Elevator Charges.....	6
Lake Freight Rates.....	6
Audit of Stocks—Terminal and Eastern Elevators.....	6
Entomological Investigations.....	7
Assistant Commissioners.....	7
Canadian Government Elevators.....	7
Committees on Grain Standards.....	7
Wheat Bonus.....	7
The Prairie Farm Assistance Act, 1939.....	8
Personnel.....	8
Expenditures and Revenue.....	8
APPENDICES:	
No. 1—Report of Secretary.....	9
(<i>a</i>) Complaints.....	9
(<i>b</i>) Prosecutions.....	10
(<i>c</i>) Defaults.....	10
(<i>d</i>) Cars out of Turn.....	10
(<i>e</i>) Receipt of Wheat into Country Elevators from Railway Cars.....	10
(<i>f</i>) Report of Warehouseman.....	10
(<i>g</i>) Summary of Licences for Twenty Years.....	14
(<i>h</i>) Grain-loading Platforms.....	15
(<i>i</i>) Prairie Farm Assistance Act—One Per cent Levy.....	15
(<i>j</i>) Statistics.....	15
(<i>k</i>) Annual Weigh-over—Terminal Elevators.....	26
No. 2—Personnel—Committees on Grain Standards.....	33
3—Personnel—Grain Appeal Tribunals.....	34
4—Report of Registrar.....	35
5—Report of Chief Grain Inspector.....	37
6—Report of Chief Grain Weighmaster.....	46
7—Report of General Manager, Canadian Government Elevators.....	51
8—Report of Chief Chemist.....	54
9—Report of Revenue and Expenditure.....	57
10—Regulations of the Board.....	67

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 23, 1947

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1946 in compliance with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

While the estimated acreage sown to wheat in Canada in 1946 showed an increase of 2,486,900 acres over the acreage of 23,414,100 in the previous year, the estimated acreage sown to oats, barley, rye and flaxseed indicated reductions in each case as compared with 1945. With more favourable conditions during the growing season, however, production increased in all grains as follows:—

	1945	1946
	(Bushels)	(Bushels)
Wheat.....	318,512,000	420,725,000
Oats.....	381,596,000	399,483,000
Barley.....	157,757,000	159,912,000
Rye.....	5,888,000	6,913,000
Flaxseed.....	7,593,000	7,651,000

As at July 31st, 1946 the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to only 177 million bushels as compared with 366 million bushels in 1945 and 498 million bushels in 1944.

After the record movement of 483.7 million bushels from the Lakehead during the 1945 season of navigation, shipments during the 1946 season dropped to a total of 240.1 million bushels and at the end of December, 1946 there was in store 21.3 million bushels of grain at the Head of the Lakes as compared with 36 million bushels the previous year.

Shipments from Pacific Ports have continued to increase. During the crop year ended July 31st, 1946, 74,917,883 bushels of all grains were shipped and during the first five months of the current crop year 21,420,791 bushels.

During August and September 2,928,936 bushels of wheat were shipped from the Churchill elevator and at December 31st, 1946 there remained in store in this elevator only 42,642 bushels of wheat.

Climatic conditions during the harvesting of the 1946 crop, particularly in the northern areas, led to a larger percentage of tough and damp grain than usual.

ELEVATOR CHARGES

At the public meetings held by the Board in June and July, 1946 at Vancouver, Toronto and Winnipeg to hear representations regarding the maximum tariffs of charges to be fixed by the Board for the crop year commencing August 1st, 1946, submissions were made by the different interests for substantial increases in certain charges for the handling and storing of grain at the different classes of elevators. These applications were based on increased costs of operation.

After considering the various submissions the Board recommended to the Wartime Prices and Trade Board that certain of these increases and lesser increases in other charges be approved. However, at that time approval was only granted for an increase in the daily storage rate at terminal elevators at Fort William-Port Arthur, Winnipeg and on the Pacific Coast from one forty-fifth of one cent ($1/45c.$) per bushel to one-thirtieth of one cent ($1/30c.$) per bushel, the pre-war rate.

In December, 1946 the Wartime Prices and Trade Board, after considering further submissions from the elevator interests concerned, informed this Board that the recommendations made in August, 1946 had been concurred in and, effective January 1st, 1947, the maximum elevation charges on wheat, oats, barley and corn have been increased from one and one-quarter cents ($1\frac{1}{4}c.$) per bushel to one and three-eighths cents ($1\frac{3}{8}c.$) per bushel and on rye from one and one-half cents ($1\frac{1}{2}c.$) to one and three-quarter cents ($1\frac{3}{4}c.$) per bushel. The maximum storage charge at Georgian Bay and Lower Lake port elevators has been increased from one forty-fifth of one cent ($1/45c.$) to one-thirtieth of one cent ($1/30c.$) per bushel per day and the free storage period at Georgian Bay, Lower Lake and Upper St. Lawrence elevators reduced from fifteen to ten days. Increased maximum cleaning charges have been provided for cleaning rye at terminal elevators.

LAKE FREIGHT RATES

During 1946 no change was made by the Board in the maximum rates fixed for the carriage of grain from Port William-Port Arthur by lake or river navigation except that, effective September 20th, 1946 and for the balance of the 1946 season of navigation, the maximum rate on export wheat transferred at Sarnia, Port Colborne, Humberstone, Kingston, Prescott or Toronto was increased by three-quarters of one cent ($\frac{3}{4}c.$) per bushel allowable only to the operator of the canal steamer.

The Dominion Marine Association in September, 1946 made a submission to the Wartime Prices and Trade Board for increased lake freight rates on different commodities and to the Board for increased rates on grain. No decision was arrived at on these applications before the end of the year.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

Of the twenty-five semi-public terminal elevators at the Head of the Lakes operated in 1946 twenty-one were audited during the year and the other four will be audited early in the new year. Excess overages in the non-mixing grades of wheat were disclosed at one elevator and a demand has been made on the licensee for settlement to the Board in accordance with the provisions of Section 138 of the Canada Grain Act.

The Canadian Government Interior Terminal Elevators, at Saskatoon, Moose Jaw, Edmonton, Calgary and Lethbridge were audited in July, 1946, as well as the semi-public terminal elevator at Transcona, Manitoba operated by the Eastern Terminal Elevator Company, Limited, but no excess overages were disclosed. The stocks in the Churchill semi-public terminal elevator were audited at the close of the 1946 shipping season but no excess overages were disclosed.

The seven semi-public terminal elevators in British Columbia were audited in May, June and July, 1946, but no excess overages were disclosed.

Of the twenty-nine Eastern Elevators operated twenty-seven were actually weighed over during 1946 and the stocks in the other two elevators were estimated. At one elevator excess overages were disclosed and settlement was made to the Board in the amount of \$4,266.31.

ENTOMOLOGICAL INVESTIGATIONS

In 1941, to assist the Dominion Division of Entomology, the Board engaged the services of Dr. B. N. Smallman as Entomologist to institute measures for the control of insect infestation in stored grain during a period of acute storage congestion.

Subsequently, on April 1, 1946, the Department of Agriculture established a Stored Products Laboratory at Winnipeg and Dr. Smallman was transferred from the Board's staff to take charge of this laboratory, which will provide entomological service for the grain trade.

The Board takes this opportunity of expressing its appreciation of the valuable work performed by Dr. Smallman from January, 1941 to March, 1946.

ASSISTANT COMMISSIONERS

The continued generally favorable condition of agriculture combined with fixed prices has tended to continue to reduce the number of complaints requiring investigation by the Assistant Commissioners but the services of these officials in inspecting country elevators continue to be of material assistance to the Board in administering the provisions of the Canada Grain Act.

CANADIAN GOVERNMENT ELEVATORS

With the general easing up in the storage situation the demand for storage space at the interior terminal elevators operated by the Board at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge fell off during 1946. During the crop year ended July 31, 1946, total receipts were 4,927,415 bushels and shipments 13,685,952 bushels, with only 2,035,576 bushels of all grains and 43,840 pounds of sunflower seed remaining in store at December 27, 1946.

The Port Arthur Elevator is still under lease to McCabe Grain Company, Limited.

The Prince Rupert Elevator has remained empty throughout the year.

A dust-collecting system is under process of installation in the Port Arthur Elevator and a contract has been let for a similar installation in the Edmonton Elevator.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1946-47 were constituted by the Board in accordance with Section 25 of the Canada Grain Act, 1930.

The Western Committee was convened in Winnipeg on October 15, 1946, and the Eastern Committee at Toronto on November 5, 1946.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$2.10 were redeemed during the past year. Outstanding certificates still remain in the amount of \$7,743.53 as at December 31, 1946.

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one per cent (1%) of the purchase price of grain marketed in the three western provinces. During the crop year ended July 31, 1946, the sum of \$3,426,358.40 was collected, making total collections since the inception of this scheme on August 1, 1939 to July 31, 1946, of \$22,719,676.27.

PERSONNEL

We regret to have to record the death of Mr. W. H. Blatchford, Assistant Commissioner for Alberta, which occurred suddenly on November 22, 1946. The manner in which Mr. Blatchford carried out his duties which brought him into direct contact with producers and grain handlers throughout the Province of Alberta, was of great assistance to the Board in administering the provisions of the Canada Grain Act.

Other changes among senior members of the Board's staffs during the year were:

Mr. William T. Todd, Registrar of Warehouse Receipts, retired effective August 1, 1946, at the age of sixty-seven after thirty-four years' service as head of the Board's Registration Branch, during which time the manner in which he carried out his duties contributed largely to the general confidence in the system of registration of warehouse receipts which is such a vital factor in the bulk-handling of grain.

Mr. E. L. Jaffray, Head Clerk in the Weighing Branch at Fort William, promoted to the vacant position of Registrar of Warehouse Receipts.

Mr. R. C. Deakin, Deputy Registrar of Warehouse Receipts at Montreal, retired effective November 28, 1946, at the age of sixty-five after thirty-four years' efficient service; replaced by Mr. J. W. Hartley of the staff of the Winnipeg Registration Office.

Mr. E. H. Lacey, Weighmaster, Winnipeg, retired effective October 13, 1946, at the age of sixty-five after thirty-five years' service; replaced by Mr. F. G. Stevens, Grain Weighman, Winnipeg.

Mr. A. T. Calder appointed Chief Statistician, Fort William, effective July 26, 1946.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1945-46, exclusive of the Canadian Government Elevators, was \$1,920,986.47 compared with \$1,809,881.48 for the previous fiscal year. Revenue for the fiscal year 1945-46 was \$2,037,462.55 compared with \$1,886,587.30 for the previous fiscal year, an increase of \$150,875.25.

Owing to extension of the Board's Grain Research Laboratory facilities, reduced working hours and increased cost-of-living bonus, total expenditure for the first nine months of the current fiscal year was \$5,118.61 more than in the corresponding period in the previous fiscal year, while the revenue for the same period, owing to a reduced volume of shipments from terminal elevators, shows a decrease of \$707,194.80.

Reports of the various departments of the Board are attached hereto as appendices, for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 23, 1947.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the Year 1946:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars Out of Turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences Issued During Past Twenty Years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per Cent Levy.
- (j) Statistics.
- (k) Annual Weigh-over—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1946, the Board investigated thirty-three (33) complaints, including three (3) outstanding at December 31, 1945, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under the Canada Grain Act as follows:

Manitoba.....	7	
Saskatchewan.....	8	
Alberta.....	15	
Outstanding at December 31, 1945.....	3	
	<hr/>	33

These were disposed of as follows:

Complaint withdrawn.....	2	
No grounds for complaint.....	15	
Settlement effected.....	3	
Outside jurisdiction of Board.....	5	
Licensee warned.....	4	
Not yet disposed of.....	4	
	<hr/>	33

MISCELLANEOUS COMPLAINTS

Nine (9) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These together with one (1) complaint outstanding at December 31, 1945, were disposed of as follows:

Complaint withdrawn.....	1	
No grounds for complaint.....	3	
Settlement effected.....	3	
Outside jurisdiction of Board.....	3	10

EXPORT SHIPMENTS

Thirteen (13) complaints in respect to overseas shipments were received during the year ending December 31, 1946, these being disposed of as follows:

No grounds for complaint.....	5	
Settlement effected.....	1	
Not yet disposed of.....	7	13

(b) PROSECUTIONS

During the year under review six (6) prosecutions were instituted by the Board for breaches of the provisions of the Canada Grain Act. Convictions were obtained in each case, the defendants being fined five dollars (\$5.00) each.

(c) DEFAULTS

There were no defaults by licensees during the year 1946.

(d) CARS OUT OF TURN

During the year 1946, 130 out-of-turn cars were ordered by the Board, under the provisions of Section 68 (2) of the Canada Grain Act for the shipment of out of condition grain.

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 108 (a) of the Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 1,085 cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1945-46.

During the season which commenced on August 1, 1945, and ended on July 31, 1946, one hundred and thirty-seven (137) firms and individuals applied for licences as required by the provisions of the Canada Grain Act.

Five thousand, six hundred and ninety-four (5,694) applications for licences to operate were received and five thousand, six hundred and seventy-one (5,671) licences were issued. Sixteen (16) licences were transferred and seven (7) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	27	.....	27	.....
Commission Merchants.....	36	.....	36	.....
Grain Dealers.....	11	.....	11	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	37	.....	37	.....
Private Terminal Elevators.....	8	.....	8	.....
Eastern Elevators.....	30	.....	30	.....
Mill Elevators.....	40	1	39	1
Private Country Elevators.....	7	.....	7	.....
Public Country Elevators.....	5,476	6	5,470	15
Transfers.....	16	.....	.....	.....
	5,694	7	5,671	16

In addition to the above applications for regular elevator licences, the Board also received twenty-three (23) applications for authority to operate buildings as "Special Annexes" under authority of Order in Council P.C. 4215. No fee was required from the applicants but they were required to deposit with the Board surety bonds to cover their operations at these "Special Annexes".

At December 1, 1945, there were 5,755 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,724 in the Western Division and 31 in the Eastern Division; of these, 5,587 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at July 31, 1946, was 513,420,470 bushels; elevators proper and permanent annexes comprising 422,988,420 bushels; temporary annexes 89,767,050 bushels and special annexes 665,000 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by Order of the Board on the dates and for the reasons stated hereunder:

<i>Semi-Public Terminal Elevator</i> <i>Licence No. S.P. 90</i>	Searle Grain Company Limited of Winnipeg, Manitoba; elevator at Kenora, Ontario; cancelled 10 November, 1945; elevator closed.
<i>Private Terminal Elevator</i> <i>Licence No. Pte. T. 101</i>	Canada Malting Company Limited of Toronto, Ontario; elevator at Clagary, Alberta; cancelled 24th April, 1946; elevator taken over by Renown Mills Limited.
<i>Mill Elevator</i> <i>Licence No. M. 69</i>	Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Edmonton, Alberta; cancelled 29th April, 1946; elevator demolished.
<i>Public Country Elevator</i> <i>Licence No. 995</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator at Silverton, Manitoba; cancelled 25th April, 1946; elevator closed.
<i>Public Country Elevator</i> <i>Licence No. 1301</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Lanfine, Alberta; cancelled 21st August, 1945; elevator dismantled.
<i>Public Country Elevator</i> <i>Licence No. 1314</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator at Stanmore, Alberta; cancelled 11th August, 1945; elevator dismantled.

<i>Public Country Elevator Licence No. 1499</i>	Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Saltcoats, Saskatchewan; cancelled as from date of issue; elevator not being operated.
<i>Public Country Elevator Licence No. 1885</i>	Canadian Consolidated Grain Company Limited of Winnipeg, Manitoba; elevator at Verulam, Saskatchewan; cancelled 24th April, 1946; elevator demolished.
<i>Public Country Elevator Licence No. 2183</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Spring Valley, Saskatchewan; cancelled 17th April, 1946; elevator closed.
<i>Public Country Elevator Licence No. 1946</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Glenboro, Manitoba; cancelled 21st August, 1945; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2348</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Glaslyn, Saskatchewan; cancelled 16th July, 1946; elevator sold and not operated by purchaser.
<i>Public Country Elevator Licence No. 2394</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Swanson, Saskatchewan; cancelled 14th January, 1946; elevator sold and not operated by purchaser.
<i>Public Country Elevator Licence No. 3774</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Oliver, Alberta; cancelled 8th November, 1945; elevator sold for wrecking.
<i>Public Country Elevator Licence No. 3993</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Bracken, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4031</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Loomis, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4085</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Rokeby, Saskatchewan; cancelled 14th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4147</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Chaplin, Saskatchewan; cancelled 30th April, 1946, elevator closed.
<i>Public Country Elevator Licence No. 4308</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Riverhurst, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4320</i>	Alberta Wheat Pool of Calgary, Alberta; elevator at Entwistle, Alberta; cancelled 3rd May, 1946; elevator dismantled.
<i>Public Country Elevator Licence No. 5459</i>	James Richardson & Sons Limited of Winnipeg, Manitoba; elevator at Winkler, Manitoba; cancelled 29th November, 1945; elevator destroyed by fire.

Licence fees collected amounted to \$30,026.00, of this amount \$40.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$24,215,797.00 were executed by seventeen (17) of the approved surety companies and were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licencees; in addition, six (6) licencees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds; \$90,000.00 of this security was to cover the grain stored in "Special Annexes".

No changes occurred in the permanent staff of this Branch during the season of 1945-46. It was, however, necessary to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch, whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,
Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1929-30 to 1945-46

Kind	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	3,577	1,972	1,089
Private Country Elevators.....	7	6	6	6	6	6	6	7	13	11	12	13	14	9	12	385	398	11	17	
Public Terminal Elevators.....	6	6	6	6	6	6	6	5	3	6	6	7	7	9	10	8				
Semi-Public Terminal Elevators...	37	37	38	39	39	39	38	34	30	33	38	39	38	39	32	35	(formerly licensed as Pri- ate Elevators)	**34	**10	
Private Terminal Elevators.....	8	8	8	8	9	10	13	38	40	39	36	37	37	38	37	40	†76	†20		
Eastern Elevators.....	30	30	31	30	30	31	30	29	29	29	31	31	30	29	28	29	†20	†18		
Mill Elevators.....	39	39	38	35	34	38	38	15	17	15	19	19	21	22	26	25	*27			
Elevator Space.....																				
Track Buyers.....	27	29	31	31	31	33	36	38	40	40	41	46	51	64	57	48	62	156	123	
Commission Merchants.....	36	36	39	38	38	39	43	47	47	48	51	56	61	63	64	57	71	126	84	
Grain Dealers.....	11	14	15	17	18	21	24	23	19	17	24	25	20	15	75	3	3			
Total Number Issued.....	5,671	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	3,921	2,271	1,109

†Licensed as Private Elevators.

*Licensed as Public Elevators.

‡Licensed as Manufacturing Elevators.

§Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1946, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS
IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	606	1,537
Saskatchewan.....	1,282	2,769
Alberta.....	727	1,440
British Columbia.....	45	94
Ontario.....	17	34
Total as at December 1, 1946.....	2,677	5,874

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1945, to July 31, 1946

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$		\$		\$		\$	\$
Manitoba.....	29,980,139	370,592.26	16,706,359	68,750.74	25,027,807	132,991.30	206,032	3,074.39	575,408.69
Saskatchewan.....	140,247,904	1,520,726.22	66,073,451	268,234.66	31,407,621	161,255.59	1,795,749	27,518.95	1,977,735.42
Alberta.....	65,233,660	717,489.44	23,318,225	90,277.62	10,408,012	49,818.60	1,015,161	15,493.64	873,079.30
	235,461,703	2,608,807.92	106,098,035	427,263.02	66,843,440	344,065.49	3,016,942	46,086.98	3,426,223.41
	Alberta Mixed Grain 50,668 Pounds.....								3.30
	Adjustments not allocated.....								131.69
	Collections—Aug. 1, 1945 to July 31, 1946.								3,426,358.40
	Collections—Aug. 1, 1939 to July 31, 1945.								19,293,317.87
	Total Collections.....								22,719,676.27

(j) STATISTICS

FORT WILLIAM, ONT.,
23rd January, 1947.

The Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the crop year 1945-46. Grain production for the crop season 1945-46 placed at 294,600,000 bushels of wheat for the Prairie Provinces and 318,512,000 bushels for all of Canada in the third final official estimate was far short of crop returns for 1944-45 amounting to 391,700,000 and 416,635,000 bushels, respectively. The ten-year average wheat production from crop years 1936-37 to 1945-46 was 346.9 million bushels for the Prairie Provinces and 369.9 million bushels for all of Canada.

The Canadian wheat stock carry-over at the close of the year, July 31, 1946, reported at 69,858,181 bushels, represented approximately 27% of the previous year's carry-over of 258,072,830 bushels.

From the 576.6 million bushels of wheat available for distribution during the 1945-46 crop season, 340.1 millions were exported either in the form of wheat or wheat flour, with domestic consumption accounting for the disappearance of a further 166.6 million bushels.

Detailed statistical tables of production, distribution and carry-over are appended.

Farm Deliveries—

Western wheat primary farm marketings for the crop year 1945-46 recorded at 238,262,727 bushels have fallen off over 32% from last year's deliveries of 351,384,318 bushels, and are well below the five year average for the seasons 1940-41 to 1944-45 of 324,970,112 bushels.

An analysis of farm deliveries by provinces is shown below, and further data on the marketing of coarse grains is furnished in the statistical tables embodied in the report.

WESTERN FARM WHEAT DELIVERIES SEASON 1945-46

	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1945-46	1944-45	5 Yr. Average 1940-41 1944-45
	bush.	bush.	bush.	bush.	bush.	bush.
<i>Delivered to</i>						
Country Elevators.....	29,359,943 ¹	141,082,901 ¹	65,762,154 ¹	236,204,998	347,286,112	319,864,488
Interior Private and Mill Elevators.....	192,207	789,807	594,010	1,576,024	3,487,337	3,678,124
Interior Terminal Elevators (Street Receipts).....			2,428	2,428	3,565	9,014
Loaded over Platforms.....	237,341	62,725	179,211	479,277	607,304	1,418,487
Total.....	29,789,491	141,935,433	66,537,803	238,262,727	351,384,318	324,970,113

¹ Preliminary.

LAKE TRANSPORTATION

The season of navigation on the Great Lakes opened with the arrival of the first vessel on April 7, 1946, eleven days behind the earliest date recorded of March 27th, last year.

Lake shipments for all grains during the season, totalling 240,169,917 bushels were over 50% smaller than the 1945 volume of 483,732,468 bushels. This greatly reduced lake grain traffic was due to an unfavourable combination of circumstances: the outcome of a seamen's strike early in the navigation season, depleted lakehead stocks during the summer, and keenly competitive pressure from the coal and ore trades for shipping space, for a considerable part of the season.

Wheat vessel cargoes from the lakehead for the season totalled 147,431,374 bushels, in marked contrast with the 5 year average from 1941 to 1945 of 261.3 million bushels.

FREIGHT RATES

Lake freight rates for wheat and coarse grains from the lakehead to Canadian ports showed no change throughout the 1946 season of navigation, other than the usual rise during December, coincident with the increased insurance rates as navigation on the Great Lakes drew to a close.

The weighted monthly average of lake freight rates per bushel of wheat according to ports of destination during the navigation season, computed from vessel charter confirmations, is shown in the table below.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES
SEASON OF NAVIGATION, 1946

Fort William—Port Arthur to	April to November	December	Average for Season
	c. per bush.	c. per bush.	c. per bush.
Georgian Bay Ports.....	3.5	5.5	3.57
Port Colborne.....	4.0	6.0	4.055
Toronto.....	5.0	.....	5.0
Kingston.....	5.0	7.0	5.087
Prescott.....	5.0	.....	5.0
St. Lawrence Ports—Direct.....	8.0	.....	8.0

Lake freight rates from the head of the lakes to Buffalo and Erie during the season of navigation ranged between 6 and 6½ cents per bushel payable in American funds on wheat cargoes carried in American vessels. One cargo of wheat cleared for Duluth in a vessel of Canadian registry in April, and carried a lake freight rate of 3.87c. Canadian per bushel.

INLAND WATER FREIGHT RATES ACT

Copies of charter confirmations for all lake grain cargoes clearing Fort William-Port Arthur during the season of navigation were filed by shippers with this office in accordance with the requirements of the Inland Water Freight Rates Act, 1923, as amended.

Statements of weighted average of rates charged for each kind of grain according to month of shipment and port of destination have been prepared from copies of charter confirmations for the information of the Minister, the Board, and others vitally concerned.

EXPORT CLEARANCES.

The volume of Canadian wheat exports in the form of either wheat or wheat-flour for the crop year 1945-46 totalling 340,105,510 bushels, was slightly below the high level established for 1944-45 of 342,945,515 bushels though substantially in excess of the five-year average from 1941-42 to 1945-46—292,702,877 bushels. Shipments of Canadian wheat for United States consumption during the current crop year amounted to 1,132,138 bushels in contrast with 32,531,084 bushels exported, during the season 1944-45. Canadian wheat shipments in 1945-46 and 1944-45 for milling in bond in the United States were 11,200,749 and 9,329,571 bushels.

Approximately 9½ times the wheat volume of overseas exports cleared from Canadian Pacific coast ports in the crop year 1945-46, compared to last year,—65,934,100 as against 7,750,820 bushels.

Wheat-flour exports for all of Canada during 1945-46, totalling 62,037,797 bushels, in terms of wheat equivalent, remained relatively unchanged from last year's shipments of 62,657,244 bushels.

A further break-down of exports is shown in the table appended to this report.

PORT CHURCHILL

While there was no grain movement recorded at the Port of Churchill during the 1945-46 crop year, 2,928,875 bushels of wheat were loaded out for export overseas on 9 steamers which cleared the port in August and September, 1946.

Rail receipts, beginning in August carrying through into September and tapering off in October, 1946, included 1,093,881 wheat bushels.

Grain stocks in the terminal elevator at July 31, 1946, comprising 1,877,696 bushels of wheat and 57 bushels of oats were reduced by the close of the calendar year on December 31, 1946, to 42,642 bushels of wheat with the quantity of oats in store remaining unchanged.

INSURANCE

Care has been exercised in the scrutiny of all insurance policies filed by public, country and semi-public elevators in accordance with section 102 of the Canada Grain Act, and also policies received from licensed elevators under provisions of Order in Council P.C. 2393, dated April 7, 1941, to assure maintenance of full insurance coverage on grain in store.

PRICES

In compliance with Section 21 of the Canada Grain Act, 1930, as amended, records were maintained in this office of grain prices ruling in principal grain markets, and statements pertaining thereto issued periodically throughout the year.

ANNUAL WEIGH-UP

All the necessary statements required in connection with the weigh-up of grain stored in terminal and eastern elevators carried out by the Board's inspection and weighing departments under the provisions of sections 138 and 138A of the Canada Grain Act have been prepared and submitted to the Board.

GENERAL

During October, along with members of the Board and the secretary, a visit was made to the large United States Lake and Atlantic Seaboard centres to renew contact with officials of produce and corn exchanges and other American grain correspondents.

Through the co-operation of these officials it has become possible to improve and enlarge the scope of the weekly statistical reports on the movement of Canadian grain in the United States, permitting also a more accurate release of weekly in transit returns.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, 1946—IN BUSHEL

	*1944	*1945	†1946
On Farms—Estimated.....	53,871,000	28,650,000	27,203,000
In Country, Private Terminal and Mill Elevators.....	143,454,993	68,185,804	15,175,063
In Public and Semi-Public Terminal Elevators.....	56,356,489	78,973,042	6,586,058
In Store and Afloat Eastern Elevators.....	53,725,411	35,230,163	11,525,957
In Eastern Flour Mills.....	2,965,677	3,069,736	2,796,800
In Transit Rail.....	27,763,987	24,371,296	6,437,303
In Store and in Transit in the United States.....	18,393,522	19,592,789	134,000
Total.....	356,531,079	258,072,830	69,858,181

CROPS OF 1945 AND DISPOSITION	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Carry-over July 31, 1945.....	258,072,830	98,255,162	28,919,181	2,023,933	2,932,111
Production—All Canada.....	318,512,000	381,596,000	157,757,000	5,888,000	7,593,000
Total Available Supply.....	576,584,830	479,851,162	186,676,181	7,911,933	10,525,111
Carry-over, July 31, 1946.....	69,858,181	75,221,488	29,634,689	714,486	1,643,259
Total Disposed of.....	506,726,649	404,629,674	157,041,492	7,197,447	8,881,852

EXPORTS

1945-46.....	278,067,713	37,511,258	4,416,254	2,967,803	.....
Wheatflour, Oatmeal, etc., equivalent to.....	62,037,797	6,349,464	.....	.....	.....
Total.....	340,105,510	43,860,722	4,416,254	2,967,803	.....
1944-45 (Revised).....	280,288,271	76,797,715	39,406,518	6,187,583	4,327,362
Wheatflour, Oatmeal, etc., equivalent to.....	62,657,244	8,152,096	.....	.....	.....
Total.....	342,945,515	84,949,811	39,406,518	6,187,583	4,327,362

*Revised. † Subject to Revision.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1945, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1945-46
(ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	38,800,000	54,500,000	52,500,000	379,000	2,800,000
Saskatchewan.....	168,100,000	143,000,000	54,500,000	2,620,000	3,800,000
Alberta.....	87,700,000	76,000,000	37,000,000	1,477,000	738,000
Total.....	294,600,000	273,500,000	144,000,000	4,476,000	7,338,000

(b) PRIMARY MARKETINGS* AT COUNTRY ELEVATORS

Manitoba.....	29,359,943	16,532,970	24,597,153	206,503	1,600,061
Saskatchewan.....	141,082,901	67,682,071	32,121,111	1,842,896	2,559,778
Alberta.....	65,762,154	23,047,372	10,449,861	1,026,632	553,117
Total.....	236,204,998	107,262,413	67,168,125	3,076,031	4,712,956

TRADE AND COMMERCE

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1945, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1945-46
(ENDED JULY 31)—*Concluded*

LOADED OVER PLATFORMS

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	237,341	94,147	254,043	1,560	1,865
Saskatchewan.....	62,725	63,734	24,480	655	4,224
Alberta.....	179,211	318,520	67,508	2,900	582
Total.....	479,277	476,401	346,031	5,115	6,671

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....		9,769	13,796		
Saskatchewan.....					
Alberta.....	2,428	27,463	2,609		1,379
Total.....	2,428	37,232	16,405		1,379

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	192,207	166,833	106,017		42,555
Saskatchewan.....	789,807	90,551	109,679	2,614	2,815
Alberta.....	594,010	317,024	62,461	5,823	7,997
Total.....	1,576,024	574,408	278,157	8,437	53,367

TRUCKED FROM FARMS INTO U.S.A.

No movement reported for 1945-46

TOTAL MARKETED

Manitoba.....	29,789,491	16,803,719	24,971,009	208,063	1,644,481
Saskatchewan.....	141,935,433	67,836,356	32,255,270	1,846,165	2,566,827
Alberta.....	66,537,803	23,710,379	10,582,439	1,035,355	563,075
Total.....	238,262,727	108,350,454	67,808,718	3,089,583	4,774,383

(c) GRAIN INSPECTED

Manitoba.....	34,650,930	15,762,330	22,378,935	218,820	1,235,720
Saskatchewan.....	164,627,540	62,651,415	27,516,210	1,713,300	3,216,630
Alberta and British Columbia	87,192,390	18,735,030	6,026,225	890,395	651,730
Total.....	286,470,860	97,148,775	55,921,370	2,822,515	5,104,080

(a) PRODUCTION—Final official estimate for Prairie Provinces.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situated in B.C. are included in Alberta figures.

(c) Grain Inspections are compiled according to province where grain is grown.

* Preliminary returns.

GRAIN COMMISSION

21

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS 1945-46

CANADIAN GRAIN

	Wheat	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Receipts.....	188,209,452	51,884,265	28,393,081	1,263,589
Shipments.....	212,877,109	52,515,466	26,116,659	1,756,506

	Flaxseed	Canadian Corn	Canadian Buckwheat	Canadian Beans
	bush.	bush.	bush.	bush.
Receipts.....	2,730,259	1,329,725	23,836	263,226
Shipments.....	2,798,610	1,284,452	19,171	277,167

	Mixed Grain	Canadian Peas
	bush.	bush.
Receipts.....	248,390	28,757
Shipments.....	320,060	19,500

UNITED STATES GRAIN

	Wheat	Corn	Beans	Rice
	bush.	bush.	bush.	bush.
Receipts.....	731,498	547,085	90,501	192,604
Shipments.....	731,498	313,288	90,501	192,558

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION

(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1945-46

	U.S.A. Wheat	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice	Argentine Corn
	bush.	bush.	bush.	bush.	bush.
Via Eastern Elevators.....		301,030	90,501	192,558	160,329
Fort William—Port Arthur.....					
Interior Private Terminals.....					
Pacific Coast Terminals.....		126,404			
Total.....		426,404	90,501	192,558	160,329

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	194,764,326	65,938,359	40,188,957	2,733,023	4,359,834
Shipments.....	243,892,386	76,078,098	40,891,922	3,310,834	4,937,629
<i>Vancouver-New Westminster—</i>					
Receipts.....	53,995,162	2,588,688	642,911	12,533	.....
Shipments.....	66,319,494	3,268,692	531,894	18,300	.....
<i>Victoria, B.C.—</i>					
Receipts.....	177,356	190	.....	.....	.....
Shipments.....	865,259	5,294	.....	.....	.....
<i>Prince Rupert, B.C.—</i>					
Receipts.....	19,981	.....	.....	.....	.....
Shipments.....	1,003,760	.....	.....	.....	.....
<i>Churchill, Man.—</i>					
Receipts.....	.....	.....	.....	.....	.....
Shipments.....	40	.....	.....	.....	.....
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	59,493	393,196	256,807	.....	.....
Shipments.....	57,938	387,136	255,346	.....	.....
<i>Kenora, Ont.—</i>					
Receipts.....	.....	.....	.....	.....	.....
Shipments.....	280,917	.....	.....	.....	.....

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	307,762	622,337	1,232,693	1,728	748
Edmonton.....	230,677	906,566	631,033	.....	.....
Lethbridge.....	5,222	.....	.....	.....	631
Moose Jaw.....	23,187	220,308	62,997	.....	146,908
Saskatoon.....	87,937	326,496	79,840	.....	.....
Total.....	654,785	2,075,707	2,006,563	1,728	148,287
<i>Shipments—</i>					
Calgary.....	2,074,308	317,020	598,691	1,728	.....
Edmonton.....	2,425,452	605,203	286,302	.....	.....
Lethbridge.....	680,748	.....	.....	.....	631
Moose Jaw.....	1,569,805	86,186	3,807	.....	101,397
Saskatoon.....	3,614,375	229,755	50,418	.....	28
Total.....	10,364,688	1,238,164	939,218	1,728	102,056

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	22,059	.....	3,055,827	243,641	.....
Shipments.....	22,059	.....	3,165,362	243,641	.....

EXPORTS OF CANADIAN WHEAT

MONTHLY TOTALS INCLUDING WHEAT-FLOUR (IN TERMS OF WHEAT) AND U.S.A. IMPORTS DURING CROP YEAR 1945-46

GRAIN COMMISSION

23

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total All Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
					Home Con- sumption Duty-Paid	Milling in Bond			
1945	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
August.....	2,040,827	21,245,023	.....	12,072,440	241,059	873,137	36,472,486	4,979,101	41,451,587
September.....	4,655,016	15,547,416	.....	6,443,040	330,109	812,570	27,788,151	4,293,968	32,082,119
October.....	8,023,201	20,013,166	.....	9,514,398	67,895	1,197,201	38,815,861	4,789,066	43,604,927
November.....	5,212,461	17,623,583	.....	6,842,871	338,695	1,800,177	31,817,787	4,500,905	36,318,692
December.....	5,441,689	7,236,647	.....	7,484,435	96,013	1,486,072	21,744,846	4,344,448	26,089,294
1946									
January.....	7,845,573	4,954,276	.....	7,184,263	15,554	1,972,048	21,971,714	5,124,587	27,096,301
February.....	8,000,259	4,248,240	.....	7,343,353	1,750	349,786	19,943,388	5,111,060	25,054,448
March.....	8,130,384	6,076,398	.....	8,573,358	13,857	572,750	23,366,747	4,690,017	28,056,764
April.....	7,397,463	6,864,162	.....	1,958,190	3,416	555,383	16,778,614	6,651,319	23,429,933
May.....	4,888,445	10,046,422	.....	196,151	22,787	442,619	15,596,424	7,506,562	23,102,986
June.....	2,824,789	13,272,521	.....	63,270	836	753,302	16,914,718	4,771,463	21,686,181
July.....	1,473,993	4,907,880	.....	89,223	167	385,714	6,856,977	5,275,301	12,132,278
Total Crop Year 1945-46.....	65,934,100	132,035,734	.....	67,704,992	1,132,138	11,200,749	278,067,713	62,037,797	340,105,510
Total Crop Year 1944-45.....	7,750,820	148,669,284	.....	82,007,512	32,531,084	9,329,571	280,288,271	62,657,244	342,945,515
5-year average 1941-42 to 1945-46.....	16,155,991	107,941,472	.....	62,367,598	38,738,500	9,939,480	235,143,041	57,559,836	292,702,877

*U.S.A. Official Figures.

† Customs Figures.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1945-46

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....				128,412,060
1 Man. Northern.....	24,466,631	69,445,713	34,499,716	101,685,087
2 Man. Northern.....	23,097,929	50,630,266	27,956,892	22,614,437
3 Man. Northern.....	11,594,029	8,110,898	2,909,510	2,756,163
4 Man. Northern.....	1,939,926	816,237		231,202
1 C.W. Garnet.....	231,202			3,055,074
2 C.W. Garnet.....	2,738,263		316,811	1,022,901
3 C.W. Garnet.....	1,022,901			650,138
No. 1 Alberta Red Winter.....	582,380	67,758		280,680
No. 2 Alberta Winter.....	204,831	75,849		56,008
No. 3 Alberta Winter.....	56,008			347,270
Seed Wheat.....		323,406	23,864	228,005
Salvage.....		228,005		428,156
1 C.W. Amber Durum.....		216,213	211,943	2,424,979
2 C.W. Amber Durum.....		1,127,181	1,297,798	1,493,491
3 C.W. Amber Durum.....		994,208	499,283	49,175
Unspecified Durum.....			49,175	
Total.....	65,934,100	132,035,734	67,764,992	265,734,826
<i>Oats—</i>				
2 C.W.....	200,000	860,943	464,175	1,525,118
Ex. 3 C.W.....		326,074	470,141	796,215
3 C.W.....	574,505	5,017,127	1,508,729	7,100,361
Ex. 1 Feed.....	15,638	17,538		33,176
1 Feed.....	178,092	11,708,693	1,156,813	13,043,598
2 Feed.....		696,474	12,740	709,214
3 Feed.....		14,417		14,417
Tough Grades.....		1,999		1,999
Others.....		965	126,003	126,968
Seed Oats.....	46,310	4,121		50,431
Eastern Oats.....		1,076		1,076
Unspecified.....			844,016	844,016
Total.....	1,014,545	18,649,427	4,582,617	24,246,589
<i>Barley—</i>				
3 C.W. Six-Row.....		372,453		372,453
1 Feed.....		165,871		165,871
Others.....		2,000		2,000
Seed Barley.....	3,000			3,000
Unspecified.....			211,480	211,480
Total.....	3,000	540,324	211,480	754,804
<i>Rye—</i>				
2 C.W.....	286	299,080	266,243	565,609
3 C.W.....		851,754		851,754
Total.....	286	1,150,834	266,243	1,417,363

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1945-46—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	64,065,081	1,014,545	3,000	286	.....
Victoria.....	865,259	.....	.....	.....	.....
Prince Rupert.....	1,003,760	.....	.....	.....	.....
Collingwood.....	2,667	.....	.....	.....	.....
Port Colborne.....	36,005	.....	.....	.....	.....
Montreal.....	67,984,515	13,829,984	2,000	1,150,834	.....
Sorel.....	12,477,812	2,346,610	538,324	.....	.....
Three Rivers.....	12,750,742	1,496,060	.....	.....	.....
Quebec.....	9,065,680	.....	.....	.....	.....
Saint John.....	1,204,409	.....	.....	.....	.....
West Saint John.....	18,811,969	972,652	.....	.....	.....
Halifax.....	9,701,935	4,121	.....	.....	.....
Total—Canadian Ports.....	197,969,834	19,663,972	543,324	1,151,120	.....
New York.....	19,561,470	2,401,368	211,480	.....	.....
Baltimore.....	21,210,883	1,262,752	.....	116,356	.....
Boston.....	.....	.....	.....	.....	.....
Philadelphia.....	19,127,403	209,507	.....	.....	.....
Portland.....	7,865,236	708,990	.....	149,887	.....
Total—U.S.A. Ports.....	67,764,992	4,582,617	211,480	266,243	.....
Total to Overseas.....	265,734,826	24,246,589	754,804	1,417,363	.....
Wheat Flour (4½ bus. per barrel).....	62,037,797	.....	.....	.....	.....
Rolled Oats and Oatmeal.....	.....	6,349,464	.....	.....	.....
U.S.A. Imports.....	12,332,887	13,264,669	3,661,450	1,550,440	.....
Grand Total.....	340,105,510	43,860,722	4,416,254	2,967,803	.....

Other U.S.A. Imports—	Pounds	Pounds		
Oats unhulled Ground.....	77,121,700	.....	.....	.....
Barley Malt.....	.....	5,318,570	.....	.....

BOARD OF GRAIN COMMISSIONERS FOR CANADA
(K) ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1946

LICENSEE	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.	lbs.
Calgary, Alta.....		1,835-20	517-32		294-04			105-00				2-31	490	
Edmonton, Alta.....		739-10	285-30				1,020-40							
Lethbridge, Alta.....	474-50													
Saskatoon, Sask.....	777-00			314-04			97-14							
Moose Jaw, Sask.....		201-00	156-16				107-14				73-31		35,070	
Totals.....	1,251-50	2,775-30	960-10	314-04	294-04		1,225-20	105-00			73-31	2-31	35,560	
Net Total—Surplus or Deficit		1,523-40	646-06		294-04		1,120-20				71-00		35,560	

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Canadian Government—</i>												
Calgary, Alta.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton, Alta.....								800-10	1,472-20	57-50		133-50
Lethbridge, Alta.....		467-50						7-40	1,241-40	15-00		7-20
Saskatoon, Sask.....									1-20			
Moose Jaw, Sask.....			425-00					17-30		57-00		
								203-50	-50	4-00		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Consolidated Grain Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
"Empire"												
"Thunder Bay"												
Eastern Terminal Elevator Co. Ltd.												
"Richardson"												
Federal Grain Ltd. "Bawlf"												
Fort William Elevator Co. Ltd.												
Lakehead Terminals Ltd.												
Manitoba Pool Elevators Ltd.												
"Terminal No. 1"												
"Terminal No. 2"												
"Terminal No. 3"												
"Terminal No. 9"												
McCabe Bros. Grain Co. Ltd.												
"Dominion Government"			6,275-10					1,616-10		79-20		86-30
National Grain Co. Ltd. "G.T.P."								7,310-50	20,610-20	3,713-30		77-40
Ogilvie Flour Mills Co. Ltd.			2,463-00	25-20				55-50				
N. M. Paterson and Co. Ltd.			3,607-50					4,741-40		3,836-40		
Reliance Grain Co. Ltd.								82-40	192-40	50-30		16-30
Saskatchewan Pool Terminals Ltd.												
"Terminal No. 4"								3,399-30	30,514-20	6,693-00		3-50
"Terminal No. 6"								1,942-00	7,352-50	1,356-50		58-50
"Terminal No. 7"		4,741-30					5,969-20		25,718-00	9,608-10		673-00
Searle Grain Co. Ltd.								13,835-40	25,491-40	12,548-50	4-00	
United Grain Growers Terminals Ltd.								931-30	3,332-40	1,200-20		4-30
Western Grain Co. Ltd.		82-20		22,423-00					1,781-50			24-20

NOTE.—The Stocks of the remaining four Semi-Public elevators are to be audited in 1947.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL, NORTH TRANSCONA, AND KENORA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
<i>Vancouver-New Westminster—</i> <i>Alberta Wheat Pool Ltd.</i> <i>"Terminal No. 1"</i> <i>"Terminal No. 2"</i> Midland Pacific Terminal Elev. Pacific Elevators Ltd. James Richardson & Sons Ltd. Searle Grain Co. Ltd. United Grain Growers Terms. Ltd.								16,466-10 1,555-30 5,841-10 14,575-10 322-00 845-50 7,213-50	16,425-00 3,432-10 9,212-20 14,492-00 1,031-00 5,223-30 6,219-20	6,095-30 1,630-40 2,933-40 7,932-10 600-00 3,572-10 4,280-40	6-10 ... 23-00 192-30 ... 17-30 249-10	1,356-10 4-50 86-30 1,992-40 ... 743-20 2,328-40
<i>Victoria*—</i> United Grain Growers Terms Ltd.												
<i>Churchill, Man.—</i> National Harbours Board.								676-00	1,695-10	341-50		
<i>North Transcona—</i> Eastern Terminal Elev. Co. Ltd.								67-50	56-20	18-10		4-00
<i>Kenora†—</i> Searle Grain Co.												

* No grain handled during 1946.

† Not licensed.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i> Collingwood Terminals Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Screenings.....		1,468-35 1,494-04 1,172-02 58-28 1,910 lbs.
<i>Goderich—</i> Goderich El. & Trst. Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Screenings.....		10,490-00 8,855-27 554-29 1,331-45 181-43 12,022 lbs.
<i>Goderich—</i> Western Canada Flour Mills Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley.....		8,747-14 5,286-31 2,187-30
<i>Kingston—</i> Kingston Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed.....		4,812-10 553-16 500-09 84-10 92-14
<i>Midland—</i> Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... U.S.A. Wheat.....		1,099-40 494-32 533-20 120-00
<i>Midland—</i> C.N.R. Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... U.S.A. Corn.....		8,841-00 245-27 1,372-35 51-32 209-30
<i>Midland—</i> Canada Steamship Lines El.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley.....		4,335-30 123-17 802-07
<i>Midland—</i> Midland-Simcoe Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley.....		7,640-40 6,360-11 1,061-14
<i>Owen Sound—</i> Great Lakes Elevator Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Screenings.....		8,869-30 234-08 1,250-42 15-35 13,240 lbs.
<i>Port Colborne—</i> National Harbours Board El.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Screenings..... U.S.A. Beans.....		8,212-20 1,239-14 389-04 92-45 100-28 2,817 lbs. 56-32
<i>Port Colborne—</i> Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Oats Groats..... U.S.A. Corn.....		14,569-00 861-03 476-46 214-43 51,170 lbs. 100-31
<i>Port McNicoll—</i> C.P.R. Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Mixed Grain..... U.S.A. Corn.....		36,593-50 1,677-10 2,969-35 602-36 86-34 81,770 lbs. 4-46

GRAIN COMMISSION

31

ANNUAL WEIGH-UP, 1946—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Humberstone—</i>			
Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		7,708-00
	U.S.A. Wheat.....		450-20
	U.S.A. Corn.....		19-08
<i>Prescott—</i>			
National Harbours Board El.....	Western Canadian Wheat.....		1,909-00
	Western Canadian Oats.....		1,120-31
	Western Canadian Barley.....		431-19
	Western Canadian Flaxseed.....		36-07
	U.S.A. Corn.....		46-31
<i>Toronto—</i>			
Toronto Elevators Ltd.....	Western Canadian Wheat.....		7,106-50
	Western Canadian Oats.....		5,488-08
	Western Canadian Barley.....		817-09
	Western Canadian Flaxseed.....		1,623-28
	Western Canadian Beans.....		-30
	U.S.A. Corn.....		68-40
<i>Walkerville—</i>			
Hiram Walker & Sons Gr. Corp.....	Western Canadian Wheat.....		955-05
	Western Canadian Oats.....	538-01	
	Western Canadian Barley.....		635-20
	Western Canadian Rye.....		67-06
	Western Canadian Mixed Grains... 45,870 lbs.		
<i>Montreal—</i>			
National Harbours Bd. Elev.....	Western Canadian Wheat.....		10,081-00
	Western Canadian Oats.....		6,206-31
	Western Canadian Barley.....		1,372-19
	Western Canadian Rye.....		1,360-21
	Western Canadian Flaxseed.....		643-30
	Western Canadian Peas.....		68-40
	Western Canadian Screenings..... 2,330 lbs.		
	U.S.A. Corn.....		19-45
	U.S.A. Rice.....		35-00
	Argentine Corn.....		6,487-02
<i>Quebec—</i>			
National Harbours Board Elevators.....	Western Canadian Wheat.....		469-30
	Western Canadian Oats.....		353-23
	Western Canadian Barley.....		304-13
	Western Canadian Screenings.....		386 lbs.
<i>Sorel—</i>			
North American Elevators Ltd.....	Western Canadian Wheat.....		3,021-50
	Western Canadian Oats.....		868-19
	Western Canadian Barley.....		2-04
	Western Canadian Screenings.....		40 lbs.
<i>Three Rivers—</i>			
Three Rivers Grain & Elevator Co.....	Western Canadian Wheat.....		1,773-50
	Western Canadian Oats.....		971-08
	Western Canadian Barley.....		4-10
<i>Halifax—</i>			
National Harbours Board Elevators.....	Western Canadian Wheat.....		9,486-00
	Western Canadian Oats.....		225-31
	Western Canadian Barley.....		6-21
	U.S.A. Corn.....		23-01
	Argentine Corn.....		109-44
<i>Saint John—</i>			
C.N.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		1,397-20
	Western Canadian Oats.....		15-30
	Western Canadian Barley.....		84-21
	Western Canadian Screenings.....		450 lbs.
<i>West Saint John—</i>			
C.P.R. Elevator Co. Ltd. "B".....	Western Canadian Wheat.....		4,412-30
	Western Canadian Oats.....		165-27
	Western Canadian Barley.....		10-08
<i>West Saint John—</i>			
C.P.R. Elevator Co. Ltd. "H".....	Western Canadian Wheat.....		9,093-50
	Western Canadian Oats.....		373-33
	Western Canadian Barley.....		33-26

NOTE.—The official weigh-up of grain in store in the following elevators was postponed under authority of Order-in-Council P.C. 5293 dated 2nd October, 1940.

Sarnia.....Sarnia Elevator Co. Ltd.

Montreal.....Dominion Elevator Limited.

TRADE AND COMMERCE

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138 CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	St. Boniface	
	Red River Grain Co. Ltd.	
	Excess	Deficiency
	bush.	bush.
1 Manitoba Hard.....		97-20
1 Manitoba Northern.....		4-20
2 Manitoba Northern.....		13-20
3 Manitoba Northern.....		
1 C.W. Garnet.....		
2 C.W. Garnet.....		

No Wheat of the above grades was handled or stored in the following elevators:—

Calgary.....	Canada Malting Ltd.
	Canada Malting Ltd. (Calgary Brewing).
Edmonton.....	United Grain Growers Ltd.
Fort William.....	National Grain Co. Ltd.
Transcona.....	Dominion Malting Co. Ltd.
Winnipeg.....	Canada Malting Co. Ltd.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1946

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 W. A. Hastings, representing the millers of wheat flour.
 George Bennett
 W. H. Fairfield
 R. H. MacDonald
 B. S. Plumer
 A. F. Sproule
 Dr. L. E. Kirk
 J. Wellbelove
 L. L. Gray
 G. S. Canfield
 W. J. Parker
 R. Barrett
 J. Quick
 G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS, 1946

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing exporters of grain.
 F. H. Dunsford
 H. Norman Davis
 N. M. Marshall
 W. A. Amos
 Wm. Wallace
 J. M. Vittie
 G. E. McConney

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy, Chairman	P. J. Marples, Chairman	C. R. Manahan, Chairman
Grant Hammond	T. F. Allison	H. Landsman
J. McMahon	W. G. McLeod	W. H. Boyle
A. F. Moore	J. Tranter	A. Fraser
James Gregory	J. A. Harris	T. Stickney
S. C. Swanton	W. McLeod	J. A. Kyle
J. F. Lazenby	E. J. Munson	L. T. Ingram
D. K. Mills	G. C. Arbuthnott	J. F. Heathfield
H. R. Ballance	A. Watson	Ross Saunders
S. Billinsky (Secretary)	E. S. Munro (Secretary)	T. A. Lawrence (Secretary)

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit	A. Chaplin
C. H. Coatsworth	T. B. Earle
R. O. Pratt	J. A. Byrne
N. H. Campbell	J. M. Vittie
C. W. Heimbecker	T. A. Climo
L. S. Johnston	E. Lorne Tracey, Secretary
W. H. McCarthy	
G. E. McConney	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard, Secretary	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1946

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	332	39	Nil	293
Calgary.....	357	81	1	275
Edmonton.....	141	16	Nil	125
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	830	136	1	693

APPENDIX No. 4

REPORT OF REGISTRAR

Winnipeg, Manitoba,
December 2, 1946.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR:—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1946:

	Bushels Registered	Bushels Registered for cancellation
<i>Winnipeg—</i>		
Wheat.....	196,499-179-50	245,766,499-30
Oats.....	66,142,776-16	77,030,109-23
Barley.....	40,524,613-19	41,286,782-14
Flax.....	4,371,967-13	4,962,747-10
Rye.....	2,753,052-09	3,263,004-52
Mixed Grain.....	746,068-00	567,546-40
Corn.....	60,166-34	63,784-26
Oat Groats.....	22,264-12	
<i>Vancouver—</i>		
Wheat.....	54,203,963-00	67,213,330-10
Oats.....	2,668,816-14	3,346,718-10
Barley.....	6,502,065-22	541,054-00
Flax.....		
Rye.....	12,533-02	18,300-00
Mixed Grain.....	25,076-40	19,206-30
Corn.....	1,269-50	16,371-34
Barley Malt.....		40,573-10
<i>Calgary—</i>		
Wheat.....	307,761-30	2,074,442-30
Oats.....	622,337-02	317,019-06
Barley.....	1,232,687-44	598,693-20
Flax.....	1,000-03	
Rye.....	1,728-24	1,728-24
Mixed Grain.....	7,308-40	7,665-00
Corn.....		500-30
<i>Edmonton—</i>		
Wheat.....	230,676-40	2,409,415-40
Oats.....	902,300-18	601,481-16
Barley.....	635,255-40	234,613-06
Flax.....		
Rye.....		
Mixed Grain.....	3,820-30	3,775-30
Corn.....	3,027-46	5,718-02
<i>Moose Jaw—</i>		
Wheat.....	23,187-50	1,569,805-40
Oats.....	191,846-04	86,185-30
Barley.....	62,996-32	27,590-04
Flax.....	146,731-06	77,688-06
Rye.....		
Mixed Grain.....	6,206-00	13,871-40
Corn.....		
Sunflower Seeds.....	5,530-00	158,499-10

	Bushels Registered	Bushels Registered for cancellation
<i>Saskatoon—</i>		
Wheat.....	87,936-50	3,614,375-00
Oats.....	326,490-30	229,754-24
Barley.....	79,840-40	50,415-30
Flax.....		28-28
Rye.....	1,082-13	
Mixed Grain.....		2,945-00
Corn.....		
Sunflower Seeds.....	19-04	27,635-13
<i>Lethbridge—</i>		
Wheat.....	4,738-20	680,134-50
Flax.....	630-12	48-40
<i>Prince Rupert—</i>		
Wheat.....	19,981-00	1,003,799-30
Sunflower Seeds.....		
<i>Total—</i>		
Wheat.....	251,377,425-00	342,331,803-10
Oats.....	70,854,567-16	81,611,269-07
Barley.....	49,037,460-05	42,739,148-26
Flax.....	4,520,331-34	5,040,512-28
Rye.....	2,768,395-48	3,283,033-08
Mixed Grain.....	789,110-10	615,010-40
Corn.....	64,464-18	86,374-36
Sunflower Seeds.....	5,530-00	186,134-23
Oat Groats.....	22,264-12	
Barley Malt.....		40,573-10

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	321,437,571-40	342,314,049-40
Oats.....	70,480,066-12	70,960,341-00
Barley.....	31,137,741-04	28,859,301-11
Flax.....	3,522,229-10	3,771,233-35
Rye.....	2,207,493-45	2,419,924-30
Mixed Grain.....	8,592-20	6,469-44
Corn.....	2,622,697-11	2,429,390-46
Screenings.....	1,445,756-04	1,574,537-36
Buckwheat.....	23,842-40	20,027-04
Beans.....	353,830-10	377,714-40
Peas.....	26,293-10	19,901-40
Rice.....	192,604-00	192,604-00

Yours respectfully,

E. L. JAFFRAY,

Registrar.

APPENDIX No. 5

REPORT OF THE CHIEF GRAIN INSPECTOR

1064 Grain Exchange,

Winnipeg, Man., December 9, 1946.

Mr. J. Rayner, Secretary,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1946.

The total number of cars inspected in the Western Division for the year 1945-46 was 249,528 as against 353,339 for the previous year, a decrease of 103,811 cars.

F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1945 to July 31, 1946, are made up as follows:

	Cars	Percentages
Wheat.....	170,349	68.268
Oats.....	42,565	17.059
Barley.....	30,082	12.056
Flax.....	3,810	1.527
Rye.....	1,808	.725
Mixed Grain.....	398	.159
Corn.....	41	.016
Buckwheat.....	5	.002
Screenings.....	379	.152
Peas.....	79	.032
Sunflower Seeds.....	6	.002
Soybeans.....	6	.002
Total.....	249,528	100.000

The grades of wheat are as follows:—

	Cars	Per- centages	Totals	Percentag of total Inspections
1 Manitoba Hard.....	16	·010		
1 Manitoba Northern.....	51,940	31·592		
2 Manitoba Northern.....	66,645	40·537		
3 Manitoba Northern.....	17,753	10·798		
4 Manitoba Northern.....	6,172	3·754		
No. 4 Special.....	123	·075		
No. 5.....	3,062	1·862		
No. 6.....	321	·195		
Feed.....	65	·040		
Sample.....	134	·082		
Smutty.....	418	·254		
Tough.....	16,526	10·052		
Damp.....	145	·088		
Rejected.....	1,085	·660		
No. 5 Special.....	2	·001		
Total Red Spring Wheats.....	164,407	100·000	164,407	96·512
1 Garnet.....	105	5·026		
2 Garnet.....	1,010	48·349		
3 Garnet.....	473	22·642		
Tough Garnet.....	496	23·743		
Damp Garnet.....	1	·048		
Rejected Garnet.....	4	·192		
Total Garnet Wheats.....	2,089	100·000	2,089	1·226
1 Amber Durum.....	112	4·326		
2 Amber Durum.....	1,024	39·552		
3 Amber Durum.....	604	23·329		
4 Amber Durum.....	69	2·665		
Smutty Amber Durum.....	77	2·974		
Tough Amber Durum.....	613	23·677		
Damp Amber Durum.....	32	1·236		
Rejected Amber Durum.....	44	1·700		
Sample Amber Durum.....	14	·541		
Total Amber Durum Wheats.....	2,589	100·000	2,589	1·520
1 White Spring.....	1	2·041		
2 White Spring.....	29	59·183		
3 White Spring.....	11	22·449		
4 White Spring.....	6	12·245		
Smutty White Spring.....	1	2·041		
Damp White Spring.....	1	2·041		
Total White Spring Wheats.....	49	100·000	49	·029
1 Mixed Wheat.....	39	35·781		
2 Mixed Wheat.....	1	·917		
3 Mixed Wheat.....	14	12·844		
4 Mixed Wheat.....	2	1·835		
5 Mixed Wheat.....	24	22·018		
6 Mixed Wheat.....	1	·917		
Tough Mixed Wheat.....	19	17·431		
Smutty Mixed Wheat.....	2	1·835		
Rejected Mixed Wheat.....	6	5·505		
Sample Mixed Wheat.....	1	·917		
Total Mixed Wheat.....	109	100·000	109	·064
1 Alberta Red Winter.....	671	60·670		
2 Alberta Winter.....	320	28·932		
3 Alberta Winter.....	79	7·143		
Tough Alberta Winter.....	10	·904		
Smutty Alberta Winter.....	19	1·718		
Rejected Alberta Winter.....	7	·633		
Total Alberta Winter Wheat.....	1,106	100·000	1,106	·649
TOTAL ALL WHEATS.....	170,349		170,349	100·000

The grades of oats are as follows:—

	Cars	Percentages
1 Canada Western.....	7	·016
2 Canada Western.....	2,664	6·259
Extra 3 Canada Western.....	3,518	8·265
3 Canada Western.....	12,914	30·339
Extra 1 Feed.....	2,817	6·618
1 Feed.....	14,468	33·991
2 Feed.....	3,345	7·858
3 Feed.....	351	·82'
Mixed Feed Oats.....	22	·052
Rejected Oats.....	79	·186
Sample.....	49	·116
Tough.....	2,302	5·408
Damp.....	29	·068
Total.....	42,565	100·000

The grades of barley are as follows:—

	Cars	Percentages
1 Canada Western Six-Row.....	12	·040
2 Canada Western Six-Row.....	778	2·586
3 Canada Western Six-Row.....	2,153	7·157
1 Canada Western Two-Row.....	15	·050
2 Canada Western Two-Row.....	305	1·014
2 Canada Western Yellow.....	118	·392
3 Canada Western Yellow.....	1,515	5·036
1 Feed.....	8,249	27·422
2 Feed.....	7,632	25·371
3 Feed.....	1,787	5·940
Rejected.....	49	·163
Sample.....	9	·030
Tough.....	7,054	23·449
Damp.....	406	1·350
Total.....	30,082	100·000

The grades of flax are as follows:

	Cars	Percentages
1 Canada Western.....	3,505	91·995
2 Canada Western.....	128	3·360
3 Canada Western.....	62	1·627
4 Canada Western.....	9	·236
Rejected.....	1	·026
Sample.....	13	·341
Tough.....	80	2·099
Damp.....	11	·290
Flax and Broken Wheat.....	1	·026
Total.....	3,810	100·00

The grades of rye are as follows:—

	Cars	Percentages
1 Canada Western.....	30	1·659
2 Canada Western.....	625	34·569
3 Canada Western.....	550	30·420
4 Canada Western.....	55	3·042
Ergoty Rye.....	75	4·148
Rejected.....	1	·055
Tough.....	457	25·278
Damp.....	7	·387
Sample.....	8	·442
Total.....	1,808	100·000

The grades of mixed grain are as follows:—

	Cars	Percentages
No. 1.....	77	19·347
No. 2.....	25	6·281
No. 3.....	205	51·508
Tough.....	68	17·086
Damp.....	3	·754
Rejected.....	2	·502
Smutty.....	2	·502
Sample.....	16	4·020
Total.....	398	100·000

The grades of corn are as follows:—

	Cars	Percentages
No. 2 Canada Western Yellow.....	2	4·878
No. 4 Canada Western Yellow.....	8	19·512
No. 5 Canada Western Yellow.....	8	19·512
Tough.....	3	7·318
Damp.....	1	2·439
Moist.....	1	2·439
Wet.....	8	19·512
Sample.....	10	24·390
Total.....	41	100·000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1945 TO JULY 31, 1946

	Cars	Percentages
Winnipeg.....	190,280	76·256
Calgary.....	22,082	8·849
Moose Jaw.....	5,188	2·079
Saskatoon.....	5,145	2·062
Medicine Hat.....	3,796	1·521
Lethbridge.....	242	·097
Vancouver.....	860	·345
Edmonton.....	21,935	8·791
Total.....	249,528	100·000

SUMMARY OF CARS REINSPECTED 1945-1946

	Winnipeg		Calgary	
Cars Inspected.....	190,280		22,082	
Cars Reinspected.....	21,530	11·31%	2,653	12·01%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	11,636	54·05	1,525	57·48
Grades Raised.....	4,521	20·99	522	19·67
Grades Lowered.....	323	1·5	18	·68
Dockage Raised.....	432	2·01	106	4·00
Dockage Lowered.....	4,618	21·45	482	18·17
Total.....	21,530	100·00	2,653	100·00

SUMMARY OF CARS REINSPECTED—*Continued*

	Edmonton		Saskatoon	
Cars Inspected.....	21,935		5,145	
Cars Reinspected.....	4,749	21·65%	189	3·67%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	3,436	72·35	176	93·12
Grades Raised.....	290	6·11	13	6·88
Grades Lowered.....	4	·09		
Dockage Raised.....	76	1·60		
Dockage Lowered.....	943	19·85		
Total.....	4,749	100·00	189	100·0
	Moose Jaw		Medicine Hat	
Cars Inspected.....	5,188		3,796	
Cars Reinspected.....	330	6·41%	74	1·95%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	274	83·03	35	47·30
Grades Raised.....	49	14·85	28	37·84
Grades Lowered.....	5	1·51	5	6·76
Dockage Raised.....			2	2·70
Dockage Lowered.....	2	·61	4	5·40
Total.....	330	100·00	74	100·00
	Lethbridge		Vancouver	
Cars Inspected.....	242		860	
Cars Reinspected.....	Nil		4	0·46%
Reinspections	Cars	Per Cent	Cars	Per cent
Left as Graded.....			4	100·00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			4	100·00
	The Pas		Churchill	
Cars Inspected.....	Nil		Nil	

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....	249,528		
Total Cars Reinspected.....	29,529		11·83%
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	17,086	57·86	6·85
Grades Raised.....	5,423	18·37	2·17
Grades Lowered.....	355	1·20	0·14
Dockage Raised.....	616	2·09	0·25
Dockage Lowered.....	6,049	20·48	2·42
Total.....	29,529	100·00	11·83

TRADE AND COMMERCE

SUMMARY OF CARS APPEALED

—	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as Graded.....	293	88.25	125	88.65	275	77.03	693	83.49
Grades Raised.....	39	11.75	16	11.35	81	22.69	136	16.39
Grades Lowered.....					1	.28	1	.12
Dockage Raised.....								
Dockage Lowered.....								
Total.....	332	100.00	141	100.00	357	100.00	830	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	249,528	100.000
Total Appeals.....	830	.333
Total Grades Changed.....	274	.110

GRAIN INSPECTED AND SHIPPED BY VESSEL AUGUST 1, 1945 TO JULY 31, 1946

—	Fort William and Port Arthur	Vancouver	Victoria	Prince Rupert
	bushels	bushels	bushels	bushels
Wheat.....	230,680,184.40	63,942,698.42	865,259.10	1,003,759.30
Oats.....	61,981,003.01	1,034,117.04		
Barley.....	34,065,161.39			
Flax.....	3,335,533.47			
Rye.....	2,698,339.22	285.40		
Mixed Grain.....	228,197.10			
Screenings.....	4,810,910.20			

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1945 TO JULY 31, 1946
EX PUBLIC, SEMI-PUBLIC AND PRIVATE ELEVATORS

—	Winnipeg	Calgary	Fort William and Port Arthur	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Edmonton	Total
Wheat.....	143	1,193	7,993	954	2,159	375	1,167	1,322	15,306
Oats.....	1,435	249	5,963	343	113	.....	937	380	9,420
Barley.....	476	944	3,903	14	25	.....	308	137	5,807
Flax.....	.....	.....	930	69	.....	.....	.....	.....	999
Rye.....	1	4	343	.....	2	.....	10	.....	360
Mixed Grain.....	64	17	83	26	2	.....	9	4	205
Corn.....	8	.....	7	.....	.....	.....	.....	1	16
Sunflower Seeds.....	.....	.....	.....	104	17	.....	.....	.....	121
Screenings.....	459	254	2,237	205	203	.....	655	17	4,030
Peas.....	8	.....	.....	.....	.....	.....	.....	.....	8
Soybeans.....	2	.....	.....	.....	.....	.....	.....	.....	2
Total.....	2,596	2,661	21,459	1,715	2,521	375	3,086	1,861	36,274

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1945 TO JULY 31, 1946

Carloads—

Grain Grown in Eastern Division—

	Cars	Cars
At Montreal.....	26	
At Toronto.....	1,419	
At Chatham.....	2,523	3,968

Cargoes—

Grain Grown in Eastern Division:

	Bushels	Bushels
At Toronto:—		
1 C Yellow Soybeans.....	139,138	

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1945 TO JULY 31, 1946

	Bushels	Bushels
Western Grain.....	191,142,377	
Eastern Grain.....	541	
		191,142,918
At Montreal.....	117,705,653	
At Sorel.....	18,894,391	
At Three Rivers.....	14,246,796	
At Quebec.....	9,065,674	
At Saint John.....	21,276,180	
At Halifax.....	9,889,224	
At Toronto.....	65,000	
		191,142,918

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1945 TO JULY 31, 1946

	Montreal	Toronto	Chatham
Western Grain.....	74	7	9
Eastern Grain.....	28	2	245
Miscellaneous Grain.....		2	
Total.....	102	11	254

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		93	1	94
No. 2 C.E. White Winter.....		23	11	34
No. 3 C.E. White Winter.....		1		1
No. 1 C.E. Red Winter.....		8	16	24
No. 2 C.E. Red Winter.....			9	9
No. 3 C.E. Red Winter.....			1	1
No. 4 C.E. Red Winter.....			1	1
No. 1 C.E. Mixed Winter.....		495	186	681
No. 2 C.E. Mixed Winter.....		170	41	211
No. 3 C.E. Mixed Winter.....		6	4	10
Tough.....		493	231	724
Smutty.....		43	17	60
Sample.....		17	2	19
<i>Rye—</i>				
No. 1 C.E.....		1		1
No. 2 C.E.....		3		3
Tough.....		4	1	5
<i>Oats—</i>				
No. 2 C.E. White.....			7	7
No. 3 C.E. White.....			16	16
No. 4 C.E.....			2	2
Tough.....			4	4
<i>Flax—</i>				
No. 2 C.E.....	1			1
No. 3 C.E.....	2	1		3
No. 4 C.E.....	4			4
Tough.....	7	6		13
Sample.....	1			1
<i>Corn—</i>				
Extra Dry No. 1 C.E. Yellow.....			7	7
No. 1 C.E. Yellow.....		3	35	38
Extra Dry No. 2 C.E. Yellow.....			3	3
No. 2 C.E. Yellow.....		1	27	28
Extra Dry No. 3 C.E. Yellow.....			8	8
No. 3 C.E. Yellow.....		1	34	35
No. 4 C.E. Yellow.....			9	9
No. 5 C.E. Yellow.....			2	2
Extra Dry No. 1 C.E. White.....			1	1
Extra Dry No. 1 C.E. Mixed.....			1	1
No. 1 C.E. Mixed.....			1	1
Extra Dry No. 3 C.E. Mixed.....			1	1
Tough.....		3	58	61
Damp.....			78	78
Moist.....		5	500	505
Wet.....		4	903	907
Sample.....		1	2	3
<i>Buckwheat—</i>				
Tough.....	5		2	7
Damp.....	4		7	11
<i>Soybeans—</i>				
No. 1 C. Yellow.....		5	46	51
No. 2 C. Yellow.....			1	1
No. 3 C. Yellow.....			1	1
Tough.....		19	119	138
Damp.....		6	16	22
Moist.....		6	7	13
Wet.....		1	1	2
<i>Pea Beans—</i>				
No. 2 C.E.....			2	2
No. 4 C.E.....			2	2
Tough.....	1		39	40
Damp.....	1		60	61

APPENDIX No. 6

REPORT OF THE GRAIN WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year, 1945-46.

Weighing Services

In the Western Division this Branch supplied weighing services to all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board for the purpose of weighing all grain received into and shipped out of these elevators, as required under Section 91 and 123 of the Act. Weighing services were also supplied at Mill Elevators to comply with the Act. In the Eastern Division weighing services are available at the following points: Midland, Port McNicoll, Owen Sound, Goderich, Toronto, and Sarnia. Weighmen are appointed at these points for the purpose of weighing car and truck-lot shipments of grain for domestic use out of elevators located in their respective districts and are paid on a fees basis.

Inspection of Scales

In the Western Division, the annual inspection of scales was made in accordance with the Weights and Measures Act and Regulations 1929, Chapter 212, Section 50 in the following licensed elevators: all terminal elevators at Port Arthur and Fort William; the Canadian Government Interior Elevators; those elevators loading to tide waters at the Pacific coast and the National Harbours Board Elevator at Port Churchill; and in the Eastern Division those elevators situated at the Georgian Bay and Lower Lake Ports, Upper St. Lawrence, Lower St. Lawrence and Atlantic Ports.

The above inspections were conducted by my assistant, W. H. Comba and myself, and for which certificates of verification were issued.

Semi-annual inspections of scales in a large number of elevators in the Western Division were made, also special inspection of scales in elevators when thought necessary in both Eastern and Western Divisions.

Maintenance of Equipment

Considering the difficulty of securing certain materials, the equipment used in the weighing and handling of grain has been maintained in good condition in various licensed elevators in both Eastern and Western Divisions.

Car Shortages

Very few complaints were received during the crop year on the outturns of cars unloaded at Terminal Elevators considering the large number of cars handled. Complaints received were carefully investigated and where the investigation warranted, adjustments were made.

Vessel Shortages

There is attached a statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur and unloaded at Canadian and American Ports. There were 1,487 cargoes loaded during the year.

Complaints were received on the outturn of some cargoes which were carefully investigated and reports forwarded to the Board.

Annual Audits

The grain in store in all Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat and the two top grades of garnet wheat in Private Terminal Elevators situated in the Western Division were weighed over during the crop year. Also all grain in store in Elevators in the Eastern Division operating under an Eastern Elevator licence was weighed over, with the exception of one which was estimated, it being impossible to weigh over this elevator on account of its heavy stocks. Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustment of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators in accordance with the provisions of Section 138 and 138A of the Canada Grain Act.

Enclosed are statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the Lakehead to Canadian and American Ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31st, 1946.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	199,709,116	1,628,458	16,520	201,354,094
Oats.....	66,727,825	635,671		67,363,496
Barley.....	40,801,139	96,704		40,897,843
Rye.....	2,811,915	21,935		2,833,850
Flaxseed.....	5,123,093	11,384		5,134,477
Canadian Corn.....	30,171	29,995		60,166
Mixed Grain.....	31,324,657 lbs.	6,111,560 lbs.		37,436,217 lbs.
Sunflower Seeds.....				
All Screenings.....	25,769,160 lbs.	30,766,020 lbs.		56,535,180 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	230,663,608	13,229,082	16,577	1,629,238	245,538,505
Oats.....	61,981,002	14,097,096		636,250	76,714,348
Barley.....	34,065,162	6,826,785		96,902	40,988,849
Rye.....	2,698,339	612,494		21,969	3,332,802
Flaxseed.....	3,335,534	1,722,274		11,694	5,069,502
Canadian Corn.....		34,717		30,029	64,746
Mixed Grain.....	11,003,780 lbs.	11,015,180 lbs.		6,560,785 lbs.	28,579,745 lbs.
Sunflower Seeds.....					
All Screenings.....	289,060,696 lbs.	145,497,480 lbs.		31,501,840 lbs.	466,060,016 lbs.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1945-46
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	58,363,067	4,444,656	1,408,990	103,209	1,555		107,462	16,595,100
Victoria.....	181,815							
Prince Rupert.....	19,986							
Churchill.....								
Calgary.....	313,388	625,726	1,241,801	1,728	812			367,480
Edmonton.....	237,361	911,843	637,923			3,029		193,940
Lethbridge.....	5,381				797			
Moose Jaw.....	23,529	221,767	63,404		165,276			511,340
Saskatoon.....	90,972	331,194	81,275					34,455
North Transcona and Kenora.....	59,629	395,810	259,342					4,097,660

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1945-46
IN ELEVATORS AT THE FOLLOWING POINTS—*Concluded*

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscell- aneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	69,289,562	5,086,540	1,306,208	107,426	1,991	33,207	126,404	55,955,980
Victoria.....	865,259	5,294						202,550
Prince Rupert.....	1,003,759							
Churchill.....	40							
Calgary.....	2,074,308	317,020	598,690	1,728		500		1,539,460
Edmonton.....	2,425,451	605,203	286,302			6,603		2,707,580
Lethbridge.....	680,747				631			140,770
Moose Jaw.....	1,569,836	86,185	3,807		102,491			8,417,440
Saskatoon.....	3,614,375	229,754	50,418		28			2,710,410
North Transcona and Kenora.....	57,938	387,136	255,346					3,713,360

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR, 1945-1946

Kenora.....	160
Keewatin.....	7,686
Winnipeg.....	16,867
Saskatoon.....	5,826
Moose Jaw.....	6,066
Calgary.....	5,788
Edmonton.....	1,089
Medicine Hat.....	4,610
Lethbridge.....	239
Total.....	48,331

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1945-46

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	9,060	1,441	367
Elevators, excluding Lakehead.....	3,308	714	196
Total.....	12,368	2,155	563

CANADIAN NATIONAL RAILWAYS

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,304	623	144
Elevators, excluding Lakehead.....	2,795	197	101
Total.....	14,099	820	245
Total both roads.....	26,467	2,975	808

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	3,064	937
C.N.R. Yards.....	1,729	603
Total.....	4,793	1,540

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Lbs. per 1,000 bushels
Wheat.....	176,738,238-30	Short 29·08
Oats.....	49,327,543-26	Short 20·88
Barley.....	30,049,958-40	Short 34·26
Rye.....	1,082,056-20	Short 193·55
Flaxseed.....	2,970,283-27	Short 22·24
Screenings.....	24,503-0460 tons	Short ·36 lbs. per ton

AMERICAN PORTS

Wheat.....	54,283,778-30	Short 33·01
Oats.....	12,995,868-00	Short 21·97
Barley.....	3,958,311-45	Short 67·82
Rye.....	1,631,285-20	Short 122·98
Flaxseed.....	365,250-20	Short 23·67
Screenings.....	114,878-1410 tons	Short ·05 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	231,022,017-00	Short 30·00
Oats.....	62,323,411-26	Short 21·11
Barley.....	34,008,270-37	Short 38·16
Rye.....	2,713,341-40	Short 151·15
Flaxseed.....	3,335,533-47	Short 22·09
Screenings.....	139,381-1870 tons	Short ·11 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

Fort William, Ont.,
November 27, 1946.

The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1945-46.

ELEVATORS OPERATED

During the entire year the interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were all operated under Public Terminal Elevator licenses.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continued to be operated by McCabe Grain Co. Ltd., under lease covering a term of five years from August 1st, 1944.

TARIFF OF CHARGES

The tariff of charges for the handling, storing, cleaning and drying of grain remained the same as that in effect the previous year.

VOLUME OF GRAIN HANDLED

Receipts of grain into the elevators amounted to 4,927,415 bushels, a decrease of 3,860,586 bushels from the amount received the previous year. A comparative statement of receipts by elevators for the two years follows:

Elevator	1944-45	1945-46	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	3,081,883	459,606	2,622,277	.....
Saskatoon.....	3,384,867	494,273	2,890,594	.....
Calgary.....	938,966	2,172,577	.....	1,233,611
Edmonton.....	1,377,580	1,775,125	.....	397,545
Lethbridge.....	4,705	5,853	.....	1,148
Prince Rupert.....	Nil	19,981	.....	19,981
	8,788,001	4,927,415	5,512,871	1,652,285

Net Decrease..... 3,860,586

Shipments of grain from all elevators amounted to 13,685,952 bushels compared with 9,795,744 bushels the previous year. The figure for the current year includes 1,003,760 bushels shipped from Prince Rupert, most of which had been in storage at that point since 1939-40. In addition to the above grain, Sunflower Seed to the amount of 4,643,965 pounds was shipped from the Moose Jaw elevator and 534,555 pounds from Saskatoon, clearing the stocks of this commodity which had been accumulated at those points.

Stocks in store at all elevators on July 31, 1946, amounted to 2,022,416 bushels, compared with 10,778,159 bushels at the same date last year. This decrease was due to the heavy demand for overseas shipments.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

Shortages of both materials and labour have caused delay in proceeding with contemplated post-war projects, but, as far as possible, buildings, equipment and trackage have been maintained in good condition, expenditures for this purpose being included in operating costs.

Major repairs and replacements include the following items:

BUILDINGS

Port Arthur—The building housing the Grain Inspection Branch was enlarged to provide better accommodation for the Weighing Branch.

Moose Jaw—The entire roofing of the workhouse and storage annexes was removed and replaced with new roofing.

Calgary —Repairs to annex roofs and cupola walls commenced in the previous year were completed.

EQUIPMENT

Port Arthur—Six Superior Cylinder cleaning machines were completely overhauled and cylinders and other worn parts replaced. Extensive repairs were done on trippers and spouting in the elevator and on boat loading spouts.

Moose Jaw —500 Elevator Buckets.

Saskatoon —1—75 H.P. Silent Chain Drive completely replaced.

Edmonton —1—300 K.V.A. Capacitator replaced.

TRACKAGE

Moose Jaw —1,000 Treated Track Ties.
3,000 Tie plates.

Saskatoon —1,000 Treated Track Ties.
84 Treated Switch Ties.
2,000 Tie Plates.

Calgary — 550 Treated Track Ties
20 Treated Switch Ties

Lethbridge — 500 Treated Track Ties.
112 Treated Switch Ties.

GENERAL

With a view to reducing the hazard of fire and dust explosion and to improve working conditions, a contract has been entered into for the installation of a complete dust control system in the trackshed, workhouse and storage annex basement at the Port Arthur Elevator. This work is now in progress.

Contracts are being negotiated for similar installations at the Edmonton and Calgary elevators and it is anticipated that work on both these will commence in the near future.

A contract has been entered into for the erection of three exterior fire escapes at Port Arthur elevator.

Tenders have been accepted for repairing bins and water-proofing of the entire concrete structures at Moose Jaw, Saskatoon and Calgary. Start of this work was delayed owing to shortage of cement. It will proceed as soon as weather conditions permit.

STAFFS

Staffs at all points have been maintained at the minimum of requirements. One permanent employee resigned and two were retired, one on account of ill-health and one on account of age. Three temporary employees resigned, and two returned from military service and did not desire reinstatement in their former positions. One permanent employee was reinstated on return from military leave.

Three temporary employees were appointed to fill vacant positions. Eighteen former temporary employees were granted permanent status.

In order to reduce the time worked by night watchmen from twelve to eight hours per night, three additional watchmen were engaged and two appointed from present staffs.

Effective August 1, 1946, payment of wages at hourly rates was discontinued and all employees are now paid at annual salary rates.

FINANCIAL RESULTS OF OPERATION

During the fiscal year ended March 31, 1946, gross earnings amounted to \$753,859.45 and expenditures \$373,936.22, leaving a surplus of \$379,923.23, an increase of \$37,189.36 over the surplus for the previous fiscal year. Decreases occurred in earnings from Storage \$145,000.00, Elevation \$20,000.00 and Cleaning \$4,000.00, whilst revenue from sale of Screenings increased \$43,000.00 and rental of Port Arthur elevator \$23,000.00. Administration expenditures increased \$2,000.00 whilst operating expenses decreased \$12,000.00 and maintenance \$133,000.00.

Following the procedure of former years no provision is made in the financial statements for depreciation of plants and equipment, but, as stated above, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON.

General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 23, 1946.

Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1946.

Hard red spring wheat of the 1946 crop was slightly higher in milling and baking quality than the longtime average. Nos. 1 and 2 Northern were similar in quality and about equal to the corresponding grades of last year; No. 3 Northern was higher in baking strength and lower in bushel weight than the higher grades and was superior in baking strength to last year's grade. The removal of Pelissier from grades 1 and 2 C.W. Amber Durum effected a marked improvement in the macaroni-making quality of these grades in 1946, but farmers continued to grow a large amount of this variety, which graded 3 C.W. Amber Durum and thus reduced the quality of that grade. Malting barley of the 1946 crop was closely similar in quality to that of the 1945 crop, and the new grades of 2 and 3 C.W. Yellow were again lower in malt extract and enzymatic activity than 2 and 3 C.W. Six-Row barley. The 1946 flax crop was superior in drying quality of its oil to the 1945 crop, equal in oil content, and slightly lower in protein content of the oil-free meal.

Some difficulty was experienced in collecting adequate information on new crops for the Committee on Western Grain Standards owing to the late harvest in Northern Alberta. Fully representative samples of grades 1 and 2 Northern were obtained, but samples of 3 Northern and lower grades represented estimates of probable average quality based on samples available at the time of the meeting. As usual, assistance was given to the Inspection Branch in the preparation of tentative standard samples and tentative export standard samples of hard red spring and durum wheats. Supervision of moisture tests in all offices of the Inspection Branch was continued. The principal additional work undertaken for the Inspection Branch involved the testing of dried wheats, and prompt service was given by means of a more rapid test for injury recently developed in the Laboratory. Extensive drying of wheat was undertaken this fall at Vancouver for the first time in several years, and grain driers were also in operation at the Head of the Lakes. With one exception all driers were put into operation without difficulty and only a negligible quantity of wheat was damaged in initial batches.

During 1946 an extensive collaborative test of new Canadian varieties was undertaken in co-operation with cereal chemists in the United Kingdom, the United States, and Canada. Data from these tests, and those obtained in earlier years, were considered by the Associate Committee on Grain Research, and two new varieties, Redman and Rescue, were subsequently recommended for licensing. Redman is a wheat of outstanding agronomic, milling, and baking qualities,

particularly adapted to Manitoba and Eastern Saskatchewan. Rescue, though not quite equal to Redman in baking quality, is an exceptional variety because of its resistance to the sawfly. No need existed for elaborate international variety trials of material grown in 1946, but less extensive tests, restricted to Canadian chemists, are in progress to provide information for plant breeders.

Research in the milling and baking section is centred mainly on the development of modifications of the Extensograph and new techniques for its use. This machine measures the physical properties of dough, and recent developments suggest that it may become a very useful instrument for assessing quality of bread wheats. The durum section devised new equipment and procedures for making macaroni from 50-gram samples of semolina. Flexibility of processing procedure and precise control at each stage make the new method superior to other laboratory techniques, and, in spite of the micro-scale, the new method will probably displace the macro macaroni-making and disc procedures previously used in the Laboratory. In the analytical section attention has been paid to the development of rapid methods for the determination of protein, to a study of the incidence of starchy and piebald kernels in Canadian wheat, and to further analysis of the significance of accumulated data on variations in the protein content of wheat of various grades. The malting laboratory has been hampered by the loss of junior staff; in addition to studies of new varieties, research has been undertaken on the relation between the nitrogen content of the wort and malting quality.

Expansion of the staff and facilities of the Grain Research Laboratory, forecast in last year's report, has proceeded slowly. Examinations have been held for new and vacant positions in the Laboratory, but no additional appointments have been made as yet. The problem of building up a strong staff for the Laboratory will not be readily solved in view of the existing scarcity of trained personnel caused by the war. Efforts to obtain additional space for the Laboratory early in 1946 were not successful, but it is probable that at least one additional room can be obtained in 1947. On the other hand, considerable progress was made in bringing the equipment of the Laboratory up to date.

During the year the Laboratory sent to the Board 36 reports, 11 of which were published. The published reports included the Annual Report of the Laboratory, 4 crop bulletins, and 6 press releases giving preliminary information on the quality of 1946 crops of various grains. In order to provide early information on hard red spring wheats of different protein contents, the Laboratory distributed on September 17 a large detailed protein map based on data for the first 3,278 samples analysed in the fall. This was later augmented by a second map and a bulletin based on results for 5,554 samples.

In addition to the reports made to the Board, the following scientific papers have been published or are in press in various scientific journals:

- EVA, W. J. and RANKIN, E. E. A comparison of five methods for determining starch content of wheat. *Can. J. Research, B.* 23:260-268. 1946.
- HLYNKA, K. and ANDERSON, J. A. A machine for measuring the extensibility and resistance to extension of gluten. *Cereal Chem.* 23:115-134. 1946.
- GOULDEN, C. H. and PAULL, A. E. Statistical methods in Cereal Chemistry. *Biometrics Bull.* 2:26-30. 1946.
- AITKEN, T. R. and ANDERSON, J. A. Conflicting opinions on quality in bread wheats. *Trans. Amer. Assoc. Cereal Chem.* (In press).
- AITKEN, T. R., FISHER, M. H. and ANDERSON, J. A. Blending value of Canadian wheat. *Sci. Agr.* 26:578-589. 1946.

- FISHER, M. H. and MEREDITH, W. O. S. Note on a semi-micro milling procedure for durum wheat. *Cereal Chem.* 23:565-568. 1946.
- MARTIN, V. G., IRVINE, G. N., and ANDERSON, J. A. A micro method for making macaroni. *Cereal Chem.* 23:569-579. 1946.
- MARTIN, V. G. and ANDERSON, J. A. Apparatus and technique for photographing grain kernels and small objects. *Sci. Agr.* 26:419-425. 1946.
- MEREDITH, W. O. S. Analysis of data for A.A.C.C. Check Sample Service. II. Protein and thiamine results, 1944-45. *Cereal Chem.* 23:585-590. 1946.
- MEREDITH, W. O. S. and ANDERSON, J. A. Laboratory evaluation of the malting quality of Montcalm, a new smooth-awned variety. *Proceedings of the A.S.B.C.* (In press).
- MEREDITH, W. O. S. Malting quality of Canadian Barleys. V. Summary of seven years tests on Montcalm, a new smooth-awned variety. *Sci. Agr.* 26:560-565. 1946.
- MEREDITH, W. O. S. A simplified procedure for the determination of barley extract. *Cereal Chem.* (In press).

A detailed report of the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports of laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1946

a) WINNIPEG—

Revenue—

License Fees.....	\$	30,002 00	
Registration.....	\$	18,825 69	
Cancellation Fees.....		21,224 55	
			40,050 24
Inspection Fees.....		282,887 91	
Overtime.....		490 25	
Samples Sold.....		12,723 79	
Cargo Certificate Splits.....		236 30	
Refund Express.....		1,716 25	
Sampling Fees.....		667 50	
			298,722 00
Appeal Fees.....			1,449 00
Weighing Fees.....		22,544 22	
Overtime.....		487 90	
Condition Reports.....		252 50	
			23,284 62
Casual Revenue.....			103 98
			393,611 84

Expenditure—

Board and Executive Offices—

Salaries—

Commission and Secretary.....	36,620 00
Secretary's Office.....	11,167 65
Licensing and Bonding.....	14,120 81

Rents—

Executive Office.....	3,234 30
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	1,941 22
-----------------------	----------

General Expenses—

Grain Commission.....	3,852 51
Licensing and Bonding.....	515 51

Printing and Stationery—

Grain Commission.....	1,059 11
Licensing and Bonding.....	2,192 70

75,758 25

Assistant Commissioner's Office—

Salaries.....	9,069 47
Rent.....	543 12
Travelling Expenses.....	291 47
General Expenses.....	146 14

10,050 20

Grain Research Laboratory—

Salaries.....	40,153 02
Rent.....	8,419 20
Travelling Expenses.....	2,648 31
General Expenses.....	11,690 55
Printing and Stationery.....	2,536 00

65,447 08

Registration Branch—

Salaries.....	12,301 53
Rent.....	1,381 44
Travelling Expenses.....	139 15
General Expenses.....	348 05
Printing and Stationery.....	209 88

14,380 05

Accounts—

Salaries.....	8,506 17
Printing and Stationery.....	309 73
General Expenses.....	148 80

8,964 70

Inspection Branch—

Salaries.....	338,803 05
Rent.....	15,848 60
Travelling Expenses.....	1,952 20
General Expenses.....	13,402 55
Printing and Stationery.....	4,750 25

374,756 65

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(a) WINNIPEG—Concluded—

Expenditure—Con.—

Weighing Branch—

Salaries.....	32,041 02	
Rent.....	1,282 92	
General Expenses.....	397 06	
Printing and Stationery.....	6 00	
		33,727 00

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	369 12	
General Expenses.....	1,055 00	
		5,804 12

Grain Standards Committee—

Travelling Expenses.....	1,566 49	
General Expenses.....	1,240 00	
		2,806 49

591,694 5

(b) CHURCHILL—

Expenditure—

Weighing Branch—

Travelling Expenses.....		70 3
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(c) KEEWATIN—

Revenue—

Inspection Branch—

Overtime.....	32 00	
Casual.....	8 40	
		40 40

Weighing Branch—

Weighing Fees.....	7,180 00	
Overtime.....	41 60	
		7,221 60

7,262 0

Expenditure—

Salaries—Inspection Branch.....		2,075 76
Salaries—Weighing Branch.....	5,117 84	
General Expenses—Weighing.....	60 00	
		5,177 84

7,253 6

(d) KENORA—

Revenue—

Weighing Fees.....		917 3
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Expenditure—

Salaries—Weighing Branch.....		916 3
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(e) SASKATOON—

Revenue—

Inspection Fees.....	9,087 46	
Overtime.....	10 00	
Samples Sold.....	592 53	
		9,689 99
Weighing Fees.....	9,704 46	
Overtime.....	23 00	
		9,727 46

19,417 4

Expenditure—

Assistant Commissioner's Office—

Salaries.....	9,258 06	
Travelling Expenses.....	669 76	
General Expenses.....	85 26	
Printing and Stationery.....	5 34	
		10,018 42

Inspection Branch—

Salaries.....	15,401 98	
Rent.....	877 00	
General Expenses.....	543 33	
Printing and Stationery.....	202 73	
		17,025 04

Weighing Branch—

Salaries.....	11,014 22	
General Expenses.....	8 71	
		11,022 93

38,066 3

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

<i>f) MOOSE JAW—</i>			
<i>Revenue—</i>			
Inspection Fees.....	7,667 07		
Overtime.....	112 50		
Samples Sold.....	385 14		
Sampling Fees.....	252 00		
		8,416 71	
Weighing Fees.....	7,490 07		
Overtime.....	262 80		
		7,752 87	
			16,169 58
<i>Expenditure—</i>			
<i>Inspection Branch—</i>			
Salaries.....	13,237 24		
Rent.....	900 00		
General Expenses.....	1,122 39		
Printing and Stationery.....	125 85		
		15,385 48	
<i>Weighing Branch—</i>			
Salaries.....	8,255 00		
General Expenses.....	21 82		
		8,276 82	
			23,662 30
<i>g) MEDICINE HAT—</i>			
<i>Revenue—</i>			
Inspection Fees.....	3,882 05		
Samples Sold.....	341 23		
Casual.....	835 44		
		5,058 72	
Weighing Fees.....	4,560 05		
Casual.....	474 20		
		5,034 25	
			10,092 97
<i>Expenditure—</i>			
<i>Inspection Branch—</i>			
Salaries.....	3,088 98		
Rent.....	240 00		
Printing and Stationery.....	82 43		
General Expenses.....	299 40		
		3,710 81	
<i>Weighing Branch—</i>			
Salaries.....	5,176 82		
General Expenses.....	4 82		
		5,181 64	
			8,892 45
<i>h) LETHBRIDGE—</i>			
<i>Revenue—</i>			
Inspection Fees.....	685 23		
Samples Sold.....	26 61		
		711 84	
Weighing Fees.....		660 23	
			1,372 07
<i>Expenditure—</i>			
<i>Inspection Branch—</i>			
Salaries.....	4,694 16		
Travelling Expenses.....	67 40		
General Expenses.....	20 13		
		4,781 69	
<i>Weighing Branch—</i>			
Salaries.....	3,567 52		
Travelling Expenses.....	555 70		
General Expenses.....	11 50		
		4,134 72	
			8,916 41
<i>i) CALGARY—</i>			
<i>Revenue—</i>			
Inspection Fees.....	22,030 56		
Samples Sold.....	1,150 28		
Refund—Express.....	124 00		
		23,304 84	
Weighing Fees.....	9,663 01		
Overtime.....	897 65		
		10,560 66	
Appeal Fees.....		774 00	
			34,639 50

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(i) CALGARY—Concluded

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	9,341 04	
Rent.....	828 00	
Travelling Expenses.....	321 99	
General Expenses.....	233 39	
Printing and Stationery.....	14 26	
	<hr/>	10,738 68

Inspection Branch—

Salaries.....	36,544 52	
Rent.....	3,001 00	
Travelling Expenses.....	1,733 46	
General Expenses.....	2,257 29	
Printing and Stationery.....	330 69	
	<hr/>	43,867 06

Weighing Branch—

Salaries.....	22,848 26	
Rent.....	314 04	
Travelling Expenses.....	823 80	
General Expenses.....	276 17	
	<hr/>	24,262 27

Grain Appeal Tribunal—

Salaries.....	3,953 82	
Rent.....	420 00	
General Expenses.....	616 00	
Printing and Stationery.....	16 00	
	<hr/>	5,005 82

83,873 83

(j) PRINCE RUPERT—

Revenue—

Inspection Fees.....	1,115 76	
Overtime.....	124 20	
	<hr/>	1,239 96
Weighing Fees.....	1,125 76	
Overtime.....	178 20	
	<hr/>	1,303 96

2,543 92

*Expenditure—**Inspection Branch—*

Salaries.....	124 20	
Travelling Expenses.....	792 50	
	<hr/>	916 70

Weighing Branch—

Salaries.....	2,476 32	
Travelling Expenses.....	922 65	
	<hr/>	3,398 97

4,315 67

(k) EDMONTON—

Revenue—

Inspection Fees.....	27,221 23	
Samples Sold.....	981 92	
Refund—Express.....	186 25	
	<hr/>	28,389 40
Weighing Fees.....	6,510 43	
Overtime.....	33 30	
	<hr/>	6,543 73
Appeal Fees.....		399 00
		<hr/>

35,332 13

*Expenditure—**Inspection Branch—*

Salaries.....	46,267 19	
Rent.....	3,834 00	
Travelling Expenses.....	496 59	
General Expenses.....	2,224 76	
Printing and Stationery.....	702 94	
	<hr/>	53,525 48

Weighing Branch—

Salaries.....	9,581 04	
General Expenses.....	282 22	
	<hr/>	9,863 26

Grain Appeal Tribunal—

Salaries.....	4,701 96	
Rent.....	510 00	
General Expenses.....	349 30	
Printing and Stationery.....	68	
	<hr/>	5,561 94

68,950 68

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

) VANCOUVER—

<i>Revenue—</i>			
Inspection Fees.....	60,914 67		
Overtime.....	2,644 05		
Samples Sold.....	2,714 92		
		66,273 64	
Weighing Fees.....	91,812 38		
Overtime.....	3,483 20		
		95,295 58	
Registration Fees.....	2,011 83		
Cancellation Fees.....	2,521 12		
		4,532 95	
			166,102 17

*Expenditure—**Inspection Branch—*

Salaries.....	72,021 41		
Rent.....	4,239 00		
Travelling Expenses.....	1,431 15		
General Expenses.....	1,983 79		
Printing and Stationery.....	855 77		
		80,531 12	

Weighing Branch—

Salaries.....	70,177 76		
Rent.....	1,659 00		
Travelling Expenses.....	206 10		
General Expenses.....	1,059 92		
Printing and Stationery.....	124 76		
		73,227 54	

Registration Branch—

Salaries.....	4,619 16		
Rent.....	1,092 00		
General Expenses.....	166 63		
		5,877 79	
			159,636 45

n) FORT WILLIAM—

<i>Revenue—</i>			
Inspection Fees.....	515,062 36		
Overtime.....	9,341 85		
Cargo Certificate Splits.....	7 10		
Samples Sold.....	16,210 32		
Casual.....	138 60		
		540,760 23	
Weighing Fees.....	775,226 64		
Overtime.....	7,463 05		
Sundries.....	12 00		
		782,701 69	
			1,323,461 92

*Expenditure—**Inspection Branch—*

Salaries.....	415,169 56		
Rent.....	12,536 88		
Travelling Expenses.....	2,496 63		
General Expenses.....	10,237 73		
Printing and Stationery.....	4,746 43		
		445,187 23	

Weighing Branch—

Salaries.....	303,896 74		
Rent.....	2,851 68		
Travelling Expenses.....	10,358 41		
General Expenses.....	3,378 08		
Printing and Stationery.....	2,839 79		
		323,324 70	

Assistant Commissioner's Office—

Salaries.....	8,953 14		
Rent.....	540 00		
Travelling Expenses.....	153 90		
General Expenses.....	198 44		
		9,845 48	

Statistical Branch—

Salaries.....	44,823 24		
Rent.....	3,705 00		
General Expenses.....	1,930 45		
Printing and Stationery.....	1,101 76		
		51,560 45	
			829,917 86

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(n) TORONTO—

Revenue—

Sampling Fees.....	36 00
Inspection Fees.....	1,792 41
Overtime.....	9 00
Samples Sold.....	29 96
	<hr/>

1,867 37

*Expenditure—**Inspection Branch—*

Salaries.....	5,150 04
Rent.....	540 00
General Expenses.....	282 54
	<hr/>

5,972 58

(o) MONTREAL—

Revenue—

Inspection Fees.....	387 13
Overtime.....	80 25
Sampling Fees.....	841 60
Samples Sold.....	139 53
Cargo Certificate Splits.....	815 10
	<hr/>

2,263 61

Registration Fees.....	5,456 94
Cancellation Fees.....	5,594 21
	<hr/>

11,051 15

13,314 76

*Expenditure—**Inspection Branch—*

Salaries.....	45,810 58
Rent.....	1,940 04
Travelling Expenses.....	6,547 74
General Expenses.....	860 92
Printing and Stationery.....	83 40
	<hr/>

55,242 68

Registration Branch—

Salaries.....	4,976 61
Rent.....	420 00
Printing and Stationery.....	86 64
General Expenses.....	470 73
	<hr/>

5,953 98

Weighing Branch—

Salaries.....	786 04
Rent.....	480 00
Travelling Expenses.....	1,812 73
Printing and Stationery.....	423 85
General Expenses.....	152 59
	<hr/>

3,655 21

64,851 87

(p) VICTORIA—

Revenue—

Inspection Fees.....	1,172 47
Overtime.....	127 00
Samples Sold.....	19 11
	<hr/>

1,318 58

Weighing Fees.....	1,304 47
Overtime.....	120 20
	<hr/>

1,424 67

2,743 25

*Expenditure—**Inspection Branch—*

Salaries.....	2,278 60
Travelling Expenses.....	19 60
General Expenses.....	8 74
	<hr/>

2,306 94

Weighing Branch—

Salaries.....	2,023 79
Travelling Expenses.....	166 95
General Expenses.....	2 00
	<hr/>

2,192 74

4,499 68

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—*Concluded*

a) CHATHAM—

Revenue—

Inspection Fees.....	3,200 12	
Samples Sold.....	244 35	
Sampling Fees.....	6,706 40	
Casual.....	1 40	10,152 27
		<hr/>

*Expenditure—**Inspection Branch—*

Salaries.....	12,435 35	
Rent.....	420 00	
Travelling Expenses.....	5,950 79	
Printing and Stationery.....	223 01	
General Expenses.....	466 34	
		<hr/>
		19,495 49

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection		Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Winnipeg.....	298,764	00	23,317	62	1,449	00	40,050	24	30,030	20					78				393,611	84
Keewatin.....	40	40	7,221	60															7,262	00
Kenora.....			917	37															917	37
Saskatoon.....	9,639	99	9,727	46															19,417	45
Moose Jaw.....	8,416	71	7,752	87															16,169	58
Medicine Hat.....	5,058	72	5,034	25															10,092	97
Lethbridge.....	711	84	660	23															1,372	07
Calgary.....	23,304	84	10,560	66	774	00													34,639	50
Prince Rupert.....	1,239	96	1,303	96															2,543	92
Edmonton.....	28,389	40	6,543	73	399	00													35,332	13
Vancouver.....	66,273	64	95,295	58			4,532	95											166,102	17
Fort William.....	540,760	23	782,701	69															1,323,461	92
Toronto.....	1,867	37																	1,867	37
Montreal.....	2,263	61					11,051	15											13,314	76
Victoria.....	1,318	58	1,424	67															2,743	25
Chatham.....	10,152	27																	10,152	27
	998,251	56	952,461	69	2,622	00	55,634	34	30,030	20					78				2,039,000	57

GRAIN COMMISSION

65

EXPENDITURE

Winnipeg.....	374,756 65	33,727 00	5,804 12	14,380 05	85,808 45	.....	8,964 70	65,447 08	2,806 49	591,694 54
Churchill.....	.....	70 30	.....	.....	.....	.....	.....	.....	.....	70 30
Keewatin.....	2,075 76	5,177 84	.....	.....	.....	.....	.....	.....	.....	7,253 60
Kenora.....	.....	916 37	.....	.....	.....	.....	.....	.....	.....	916 37
Saskatoon.....	17,025 04	11,022 93	.....	.....	10,018 42	.....	.....	.....	.....	38,066 39
Moose Jaw.....	15,385 48	8,276 82	.....	.....	.....	.....	.....	.....	.....	23,662 30
Medicine Hat.....	3,710 81	5,181 04	.....	.....	.....	.....	.....	.....	.....	8,892 45
Lethbridge.....	4,781 69	4,134 72	.....	.....	.....	.....	.....	.....	.....	8,916 41
Calgary.....	43,867 06	24,262 27	5,005 82	.....	10,738 68	.....	.....	.....	.....	83,873 83
Prince Rupert.....	916 70	3,398 97	.....	.....	.....	.....	.....	.....	.....	4,315 67
Edmonton.....	53,525 48	9,863 26	5,561 94	.....	.....	.....	.....	.....	.....	68,950 68
Vancouver.....	80,531 12	73,227 54	.....	5,877 79	.....	.....	.....	.....	.....	159,636 45
Fort William.....	445,187 23	323,324 70	.....	.....	9,845 48	51,560 45	.....	.....	.....	829,917 86
Toronto.....	5,972 58	.....	.....	.....	.....	.....	.....	.....	.....	5,972 58
Montreal.....	55,242 68	3,655 21	.....	5,953 98	.....	.....	.....	.....	.....	64,851 87
Victoria.....	2,306 94	2,192 74	.....	.....	.....	.....	.....	.....	.....	4,499 68
Chatham.....	19,495 49	.....	.....	.....	.....	.....	.....	.....	.....	19,495 49
	1,124,780 71	508,432 31	16,371 88	26,211 82	116,411 03	51,560 45	8,964 70	65,447 08	2,806 49	1,920,986 47

Total Revenue..... \$ 2,039,000 57

Total Expenditure..... 1,920,986 47

Net Surplus..... \$ 118,014 10

SUMMARY OF OPERATION BY BRANCHES

REVENUE

Points	Inspection	Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
		\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	937,106 43	938,699 09	2,622 00	2,622 00	55,634 34	30,002 00												1,964,063 86	
Overtime.....	12,971 10	12,990 90																25,962 00	
Sampling.....	8,503 50																	8,503 50	
Express Charges.....	2,026 50																	2,026 50	
Cargo Splits.....	1,058 50																	1,058 50	
Samples Sold.....	35,559 69																	35,559 69	
Condition Reports.....		252 50																252 50	
Sundries.....		12 00																12 00	
Casual.....	1,025 84	507 20						28 20						78				1,562 02	
	998,251 56	952,461 69	2,622 00	2,622 00	55,634 34	30,030 20								78				2,039,000 57	

EXPENDITURE

Salaries.....	1,013,102 72	477,878 74	13,035 78	21,897 30	98,530 17	44,823 24	8,506 17	40,153 02										1,717,927 14	
Rents.....	44,376 52	6,587 64	1,299 12	2,893 44	6,199 86	3,705 00		8,419 20										73,480 78	
Travel.....	21,488 06	14,916 64		139 15	3,378 34			2,648 31										44,136 99	
Expenses.....	33,709 91	5,654 89	2,020 30	985 41	5,031 25	1,930 45	148 80	11,690 55										62,411 56	
Printing and Stationery.....	12,103 50	3,394 40	16 68	296 52	3,271 41	1,101 76	309 73	2,536 00										23,030 00	
	1,124,780 71	508,432 31	16,371 88	26,211 82	116,411 03	51,560 45	8,964 70	65,447 08										1,920,986 47	

Total Revenue..... 2,039,000 57

Total Expenditure..... 1,920,986 47

Net Surplus..... 118,014 10

APPENDIX No. 10

REGULATIONS OF THE BOARD

During 1946 Regulations Nos. 22, 38, 40 and 42 were amended and consolidated.

The Regulations of the Board in effect at 31st December, 1946 are as follows:—

- No. 1—Registration and Cancellation of Terminal Warehouse Receipts.
- 4—Inspection of Samples taken other than at an Inspection Point.
- 11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
- 14—Construction of Elevators.
- 21—Cleaning Grain and Bins.
- 22—Fees.
- 23—Form of Terminal Warehouse Receipt.
- 35—Registration and Cancellation of Transfer and Eastern Warehouse Receipt.
- 36—Delivery of Grain to Ocean Vessels at Montreal.
- 37—Maximum Tariff of Charges and Shrinkage Allowance for Licensed Country Elevators.
- 38—Maximum Tariff of Charges—Terminal Elevators at Fort William—Port Arthur and Winnipeg.
- 39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
- 40—Maximum Tariff of Charges—Terminal Elevators west of Calgary.
- 41—Maximum Tariff of Charges—Terminal Elevator at Churchill, Manitoba.
- 42—Maximum Tariff of Charges for handling Grain at Eastern Elevators.
- 43—Procedure—Country Elevators.
- 44—Drying of Grain.
- 45—Records, Reports and Returns.
- 46—Receipt for Grain delivered to Private Country Elevators and Mill Elevators.
- 47—Inspection of Grain at The Pas, Manitoba.
- 48—Names and Definitions of “Off Grades” for Western Grain.
- 49—Names and Definitions of “Off Grades” for Eastern Grain.
- 50—Names and Definitions of Grades for Screenings.
- 51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.
- 52—Binning of Tough Wheat with Straight Grade Wheat.
- 53—Enforcement of Lien by Sale of Grain.
- 54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
- 55—Delivery of Grain to Ocean Vessels at West St. John, New Brunswick.
- 56—Inspection of Grain, Lethbridge and Coutts, Alberta.
- 57—Delivery of Grain to Ocean Vessels at East St. John, New Brunswick.
- 58—Delivery of Grain to Ocean Vessels at Halifax, Nova Scotia.
- 59—Maximum Tariff of Charges for handling Sunflower seed at Licensed Elevators.

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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
HON. JAMES A. MacKINNON, M.P.

Deputy Minister
M. W. MACKENZIE

ANNUAL REPORT

OF THE

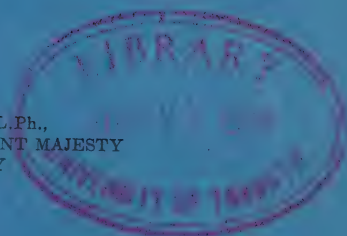
Board of Grain Commissioners
for Canada

FOR THE YEAR

1947



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY
1948



Price 25 cents

C41 2 3
A56

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

HON. JAMES A. MacKINNON, M.P.

Deputy Minister

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ANNUAL REPORT

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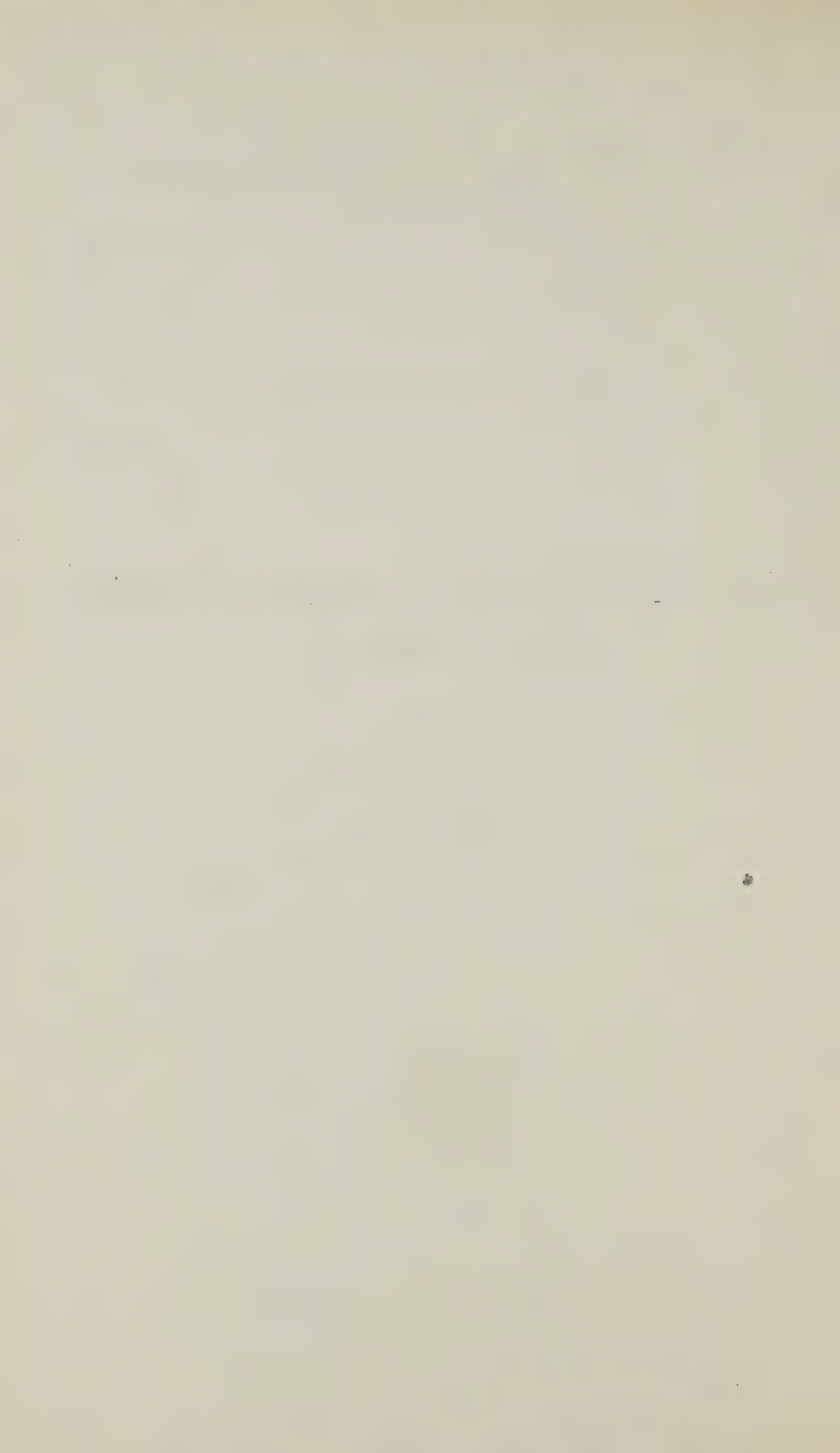


TABLE OF CONTENTS

REPORT OF BOARD:		PAGE
General Conditions.....		5
The Canada Grain Act.....		6
Regulations of the Board.....		6
Overages—Country Elevators.....		6
Elevator Charges.....		7
Lake Freight Rates.....		8
Audit of Stocks—Terminal Elevators and Eastern Elevators.....		8
Assistant Commissioners.....		9
Canadian Government Elevators.....		9
Committees on Grain Standards.....		9
Wheat Bonus.....		10
The Prairie Farm Assistance Act.....		10
Personnel.....		10
Expenditures and Revenues.....		10
APPENDICES:		
No. 1—Report of Secretary.....		11
(a) Complaints.....		11
(b) Prosecutions.....		12
(c) Defaults.....		12
(d) Cars Out of Turn.....		12
(e) Receipt of Wheat into Country Elevators from Railway Cars.....		12
(f) Report of Licensing Officer.....		12
(g) Summary of Licences.....		17
(h) Grain-loading Platforms.....		18
(i) Prairie Farm Assistance Act—One Per cent Levy.....		18
(j) Statistics.....		18
(k) Annual Weigh-over—Terminal Elevators.....		32
No. 2—Personnel—Committees on Grain Standards.....		40
3—Personnel—Grain Appeal Tribunals.....		41
4—Report of Registrar of Warehouse Receipts.....		42
5—Report of Chief Grain Inspector.....		44
6—Report of Chief Grain Weighmaster.....		54
7—Report of General Manager, Canadian Government Elevators.....		59
8—Report of Chief Chemist.....		62
9—Report of Revenue and Expenditure.....		64
10—Regulations of the Board.....		73

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,

January 16, 1948

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1947 in compliance with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

Poorer than average conditions during the growing season affected both the yield and quality of wheat, oats and barley. This, combined with decreased acreages of 180,700 and 1,026,200 acres, respectively, sown to wheat and oats, resulted in a sharp reduction in the quantity produced. In the case of barley, while the acreage increased by 1,206,500 acres, this was not sufficient to produce a crop equal to that produced in 1946. Rye and Flaxseed, with substantial increased acreages, showed a marked increase in production.

	1946		1947	
	Acres	Production (Millions)	Acres	Production (Millions)
Wheat.....	24,076,100	413.7	23,895,400	340.8
Oats.....	12,074,700	371.1	11,048,500	282.7
Barley.....	6,258,500	148.9	7,465,000	141.5
Rye.....	715,000	8.8	1,156,400	13.2
Flaxseed.....	939,900	6.4	1,472,300	12.2

As at July 31, 1947 the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to 182,383,791 bushels as compared with 183,207,663 bushels the year before.

From the Lakehead lake shipments during the 1947 season of navigation amounted to a total of 256.4 millions of all grains, an increase of 16.2 millions over the 1946 season and at the end of December, 1947 there was in store 24.6 million bushels of grain at the Head of the Lakes as compared with 24.0 million bushels the previous year.

During the crop year ended July 31, 1947 ocean shipments from Pacific Ports totalled 62.2 million bushels, compared with 66.9 millions in the previous crop year but during the first five months of the current crop year shipments totalled only 8.44 millions compared with 21.4 millions in the same period in 1946. At the end of December, 1947 stocks in these elevators were 6,065,144 bushels.

Total shipments of 4,975,753 bushels of wheat from Churchill during August and September, 1947 constituted a seasonal record for this port. At December 31, 1947, 143,786 bushels of wheat remained in store.

THE CANADA GRAIN ACT

At the 1947 session of Parliament An Act to amend The Canada Grain Act, assented to March 28, 1947, incorporated in the Act the provisions of four Orders-in-Council under The War Measures Act, as follows:—

1. Giving the subsequent owner of grain in a country elevator the right to load a railway car allotted on the application of the original owner;
2. Requiring managers of Eastern Elevators to keep all grain in store in such elevators fully insured against loss by fire or inherent explosion;
3. Extending the period of time between consecutive weigh-overs in Terminal and Eastern Elevators;
4. Providing statutory grades for Rapeseed, Sunflower Seed, Soybeans, Peas and Eastern Flaxseed.

REGULATIONS OF THE BOARD

In accordance with the provisions of Order-in-Council P.C. 5355, all regulations of the Board in effect at October 31, 1947 were rewritten and consolidated where necessary.

A list of the regulations now in effect is attached as an Appendix to this report.

OVERAGES—COUNTRY ELEVATORS

On examination of the statements submitted by licensees of country elevators of the handlings of grain at country elevators during the crop year ended July 31, 1946, the Board was concerned to note that at 473 elevators, out of a total of 5,470, the handlings had resulted in the accumulation of overages in excess of one-half of one percent. The Board's records showed that 38 of the 473 elevators showing overages in 1945-46 had poor records in this respect in previous years, of which they had been advised and warned by the Board's Assistant Commissioners. The Board therefore decided to formally investigate each of these 38 cases.

Formal hearings were held in June last at Winnipeg and Brandon, Manitoba, at Regina and Saskatoon, Saskatchewan and at Edmonton, Alberta, and 33 operators were examined under oath. The other five operators were not examined, one being sick, one having left the elevator service and the other three being about to retire on pension.

While a review of the evidence submitted at these formal hearings did not disclose any general practice on the part of elevator agents to deliberately disregard the provisions of The Canada Grain Act and the regulations thereunder with a view to accumulating overages, it did disclose however, that certain agents, to avoid the possibility of being short, had been inaccurate in the determination of weights and dockage, with possible loss to the producer.

The general opinion expressed by most of the agents who appeared before the Board and by men with years of practical experience was that if weighing is done accurately and the correct dockage taken, the shrinkage allowed by the Board should enable agents to come out even under average conditions.

At a number of elevators the failure of producers to take delivery of screenings from grain delivered to the elevators for cleaning and the taking into store of these screenings by the elevator agents without recording them as receipts resulted in the year's handlings showing overages.

The licensees concerned were advised by the Board of its findings and were instructed to warn the agents concerned that continued accumulation of excessive overages will lead to the Board refusing a licence to any elevator organization employing them as agents.

ELEVATOR CHARGES

At the annual public meetings held by the Board in June and July, 1947, to hear representations regarding the maximum tariffs of charges to be fixed by the Board for the crop year commencing August 1, 1947, submissions were made by all the grain-handling interests for further increases in the charges for handling and storing grain at the different classes of elevators. These applications were based on continued increased costs of operation.

After considering the various submissions, as well as further information submitted by the different interests at the request of the Board, the maximum tariffs of charges at the different classes of elevators for the crop year commencing August 1, 1947 were increased by the Board, with the approval of the Wartime Prices and Trade Board, as follows:—

COUNTRY ELEVATORS

Elevation Charges:

Wheat, Barley, Rye and Corn.....	from 1 $\frac{3}{8}$ c. to 1 $\frac{7}{8}$ c. per bushel
Oats.....	from 1 $\frac{1}{4}$ c. to 1 $\frac{3}{8}$ c. per bushel
Flax.....	from 3 c. to 3 $\frac{1}{2}$ c. per bushel

Storage Charges:

All Grain.....	from 1/45th of one cent to 1/30th of one cent per bushel per day
----------------	---

TERMINAL ELEVATORS

Elevation Charges:

Flax.....	from 2c. to 2 $\frac{1}{2}$ c. per bushel
Screenings.....	from 3c. to 3 $\frac{1}{2}$ c. per hundred pounds

All grain shipped from terminal elevators in railway cars to be subject to an additional elevation charge of one-quarter of one cent ($\frac{1}{4}$ c.) per bushel.

Storage Charges (including insurance against fire):

Free storage period reduced from fifteen days to ten days.

Preparing Cars for Loading:

From \$4.00 to \$6.00 per car when paper is used.

EASTERN ELEVATORS

UPPER ST. LAWRENCE GROUP—

Storage Charges (including insurance against fire):

Winter Storage Rate.....	from 1/40th of one cent to 1/30th of one cent per bushel with a reduction in the general storage rate from 1/25th of one cent per bushel to 1/30th of one cent per bushel.
--------------------------	---

LOWER ST. LAWRENCE GROUP—

Elevation Charges:

Receiving from canal or lake vessels, including shovelling, elevating, weighing, storing and insurance against fire for the first ten days:

—from \$6.25 to \$7.00 per thousand bushels, single-deck vessels

to \$8.25 per thousand bushels, double-deck vessels

Receiving from ocean vessels, including shovelling, elevating, weighing, storing and insurance against fire for the first ten days:

—from \$7.50 to \$8.50 per thousand bushels

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—from \$6.25 to \$7.00 per thousand bushels, single-deck vessels

to \$8.25 per thousand bushels, double-deck vessels

Receiving from ocean vessels, including shovelling, elevating, weighing, storing and insurance against fire for the first ten days:

—from \$7.50 to \$8.50 per thousand bushels

Recleaned Wheat, Recleaned Oats and Recleaned Barley, also established commercial grades for Soft White Spring Wheat and for cultivated tame Mustard Seed.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$2.30 were redeemed during the past year. Outstanding certificates still remain in the amount of \$7,772.23 as at December 31, 1947.

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one percent of the purchase price of grain marketed in the three western provinces. During the crop year ended July 31, 1947, the sum of \$5,193,807.64 was collected, making total collections since the inception of this scheme on August 1, 1939 to July 31, 1947, of \$27,913,483.91.

PERSONNEL

Mr. James Cuddy, Chairman of the Winnipeg Grain Appeal Tribunal, retired from the service of the Board on September 15, 1947 on attaining the age of sixty-five years. Mr. Cuddy has a meritorious record of 45 years' continuous service as Grain Inspector, Assistant Chief Grain Inspector and Chairman of the Winnipeg Grain Appeal Tribunal. Mr. Arthur Miller, Grain Inspector, Winnipeg, was appointed by the Board to succeed Mr. Cuddy.

Mr. Hudson Edward James, Deputy Registrar of Warehouse Receipts, Vancouver, retired at 65 years of age on July 1, 1947 after 34 years' efficient service. Mr. John Stuart Wright of the Registration staff at Vancouver was promoted to the vacant position of Deputy Registrar.

Dr. Isydore Hlynka of the Department of Agriculture was appointed Assistant to the Chief Chemist, effective June 1, 1947.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1946-47, exclusive of the Canadian Government Elevators, was \$1,950,553.07 compared with \$1,920,986.47 for the previous fiscal year. Revenue amounted to \$1,312,102.33 compared with \$2,037,462.55 for the previous fiscal year, a decrease of \$725,360.22.

Total expenditure for the first nine months of the 'current fiscal year is \$67,880.74 more than in the corresponding period in the previous fiscal year, while the revenue for the same period is \$90,843.83 in excess of the total for the previous fiscal year.

Reports of the various departments of the Board are attached hereto as Appendices, for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,

January 15, 1948.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing the different matters handled in the Executive Offices of the Board during the Year 1947:—

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued.
- (h) Grain-loading Platforms.
- (i) Prairie Farm Assistance Act—One Per cent Levy.
- (j) Statistics.
- (k) Annual Weighover—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1947, the Board investigated thirty (30) complaints, including four outstanding as at December 31, 1946, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under The Canada Grain Act as follows:

Manitoba.....	8	
Saskatchewan.....	10	
Alberta.....	8	
Outstanding at December 31, 1946.....	4	
		30

These were disposed of as follows:

Complaint withdrawn.....	2	
No grounds for complaint.....	16	
Settlement effected.....	9	
Outside jurisdiction of Board.....	1	
Not yet disposed of.....	2	
		30

MISCELLANEOUS COMPLAINTS

Six (6) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These were disposed of as follows:

No grounds for complaint.....	1	
Settlement effected.....	5	6
	—	

EXPORT SHIPMENTS

Ten (10) complaints in respect to overseas shipments were received during the year ending December 31, 1947. These, together with seven (7) complaints outstanding at December 31, 1946, were disposed of as follows:

No grounds for complaint.....	7	
Not yet disposed of.....	10	17
	—	

(b) PROSECUTIONS

During the year under review no prosecutions were instituted by the Board for breaches of the provisions of The Canada Grain Act.

(c) DEFAULTS

There were no defaults by licensees during the year 1947.

(d) CARS OUT OF TURN

During the year 1947, 127 out-of-turn cars were ordered by the Board under the provisions of Section 68 (2) of The Canada Grain Act, as follows:

Grain out of condition.....	95	
Elevators in danger of collapse.....	32	127
	—	

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107 (a) of The Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 1,112 cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1946-47.

During the season which commenced on August 1, 1946, and ended on July 31, 1947, one hundred and fifty-five (155) firms and individuals applied for licences as required by the provisions of the Canada Grain Act.

Five thousand, six hundred and ninety-one (5,691) applications for licences to operate were received and five thousand, six hundred and eighteen (5,618) licences were issued. Sixty-seven (67) licences were transferred and six (6) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	27		27	
Commission Merchants.....	36	1	35	
Grain Dealers.....	15		15	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	34		34	
Private Terminal Elevators.....	7		7	
Eastern Elevators.....	29		29	
Mill Elevators.....	44	1	43	
Private Country Elevators.....	10		10	
Public Country Elevators.....	5,415	3	5,412	
Transfers.....	68	1		67
	5,691	6	5,618	67

Order-in-Council P.C. 4215, which authorized the issuance of supplementary licence for the storage of wheat in "Special Annexes," was revoked effective August 1, 1946, therefore no authorizations for the operation of special annexes were granted for the crop year of 1946-47.

At December 1, 1946, there were 5,730 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,700 in the Western Division and 30 in the Eastern Division; of these, 5,522 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions."

The total licensed storage capacity as at July 31, 1947, was 494,200,720 bushels; elevators proper and permanent annexes comprising 418,126,620 bushels and temporary annexes 76,074,100 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reason stated hereunder:

<i>Semi-Public Terminal Elevator</i> <i>Licence No. S-P 145</i>	Alberta Wheat Pool of Calgary, Alberta; Number 2 elevator at Vancouver, British Columbia; cancelled October 17, 1946; Lease terminated.
<i>Private Terminal Elevator</i> <i>License No. Pte. T. 103</i>	Red River Grain Company Limited of Winnipeg, Manitoba; elevator at St. Boniface, Manitoba; cancelled December 8, 1946; elevator destroyed by fire.
<i>Private Country Elevator</i> <i>Licence No. P. 47</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Virden, Manitoba; cancelled February 5, 1947; Lease terminated.
<i>Public Country Elevator</i> <i>Licence No. 4</i>	Red River Grain Company Limited of Winnipeg, Manitoba; elevator at St. Boniface, Manitoba; cancelled December 8, 1946; elevator destroyed by fire.
<i>Public Country Elevator</i> <i>Licence No. 15</i>	Canada West Grain Company Limited of Winnipeg, Manitoba; elevator at Rosthern, Saskatchewan; cancelled March 1, 1947; elevator sold and operated by new owner as a Mill elevator.

*Public Country Elevator
Licence No. 83*

National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Oakshella, Saskatchewan; cancelled June 6, 1947; elevator dismantled.

*Public Country Elevator
Licence No. 99*

National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Young, Saskatchewan; cancelled as from date of issue; elevator not operated.

*Public Country Elevator
Licence No. 206*

National Grain Company Limited of Winnipeg, Manitoba; elevator at Dana, Saskatchewan; cancelled as from date of issue; elevator not operated.

*Public Country Elevator
Licence No. 226*

National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Fielding, Saskatchewan; cancelled as from date of issue; elevator not operated.

*Public Country Elevator
Licence No. 239*

National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Hanley, Saskatchewan; cancelled June 20, 1947; elevator torn down.

*Public Country Elevator
Licence No. 334*

National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Wakaw, Saskatchewan; cancelled March 3, 1947; elevator torn down.

*Public Country Elevator
Licence No. 605*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at Dunelm, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 611*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at Fosterton, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 637*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at St. Aldwyn, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 653*

Western Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Baliol, Saskatchewan; cancelled January 31, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 655*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at Bridgeford, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 670*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at Major, Saskatchewan; cancelled May 7, 1947; elevator sold but not operated by new owner.

*Public Country Elevator
Licence No. 724*

Western Grain Company Limited of Winnipeg, Manitoba; elevator at Scottsburg, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

<i>Public Country Elevator Licence No. 726</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Arma, Saskatchewan; cancelled April 30, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 765</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Spruce Lake, Saskatchewan; cancelled March 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 1629</i>	The Alberta Pacific Grain Company (1943) Ltd.; elevator at Owlseye, Alberta; cancelled June 5, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 1723</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Kandahar, Saskatchewan; cancelled June 6, 1947; elevator dismantled.
<i>Public Country Elevator Licence No. 2195</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator No. 2 at Bethune, Saskatchewan; cancelled March 22, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 2204</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Coppen, Saskatchewan; cancelled April 1, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 2253</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Spruce Lake, Saskatchewan; cancelled March 21, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 2857</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Wessex, Alberta; cancelled October 20, 1946; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 3511</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Superb, Saskatchewan; cancelled May 8, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 3685</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "C" at Wakaw, Saskatchewan; cancelled March 3, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 3746</i>	Alberta Wheat Pool of Calgary, Alberta; elevator No. 1 at Buffalo, Alberta; cancelled April 3, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 4232</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Leahurst, Alberta; cancelled May 17, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 5161</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator at Prince Albert, Saskatchewan; cancelled April 14, 1947; elevator torn down.

<i>Public Country Elevator Licence No. 5235</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator "B" at Swanson, Saskatchewan; cancelled as from date of issue; elevator not operated.
<i>Public Country Elevator Licence No. 5340</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Monitor, Alberta; cancelled March 22, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 5394</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Bankend, Saskatchewan; cancelled May 21, 1947; elevator torn down.

Licence fees collected amounted to \$29,703.00 of this amount \$41.00 was refunded to applicants on account of applications for licences having been withdrawn.

Guarantee bonds in the amount of \$18,597,379.00 executed by eighteen (18) of the approved surety companies were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees; in addition, six (6) licensees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds.

No changes occurred in the permanent staff of this Branch during the season of 1946-47. It was, however, necessary, as it has been since 1939, to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under The Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch, whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,

Licensing Officer.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1930-31 to 1946-47

Kind	1946- 1947	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,412	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	3,577	1,972	1,009
Private Country Elevators.....	10	7	6	6	6	6	6	6	7	13	11	12	13	14	9	12	385			
Public Terminal Elevators.....	6	6	6	6	6	6	6	6	5	3	6	6	7	7	9	10	8	17		
Semi-Public Terminal Elevators...	34	37	37	38	39	39	39	38	34	30	33	38	39	38	39	32	35			
Private Terminal Elevators.....	7	8	8	8	8	9	10	13	38	40	39	36	37	37	38	37	40	120	*34	*10
Eastern Elevators.....	29	30	30	31	30	30	31	30	29	29	29	31	31	30	29	28	29	118		
Mill Elevators.....	43	39	39	38	35	34	38	38	15	17	15	19	19	21	22	26	25			
Elevator Space.....																		7	58	
Track Buyers.....	27	27	29	31	31	31	33	36	38	40	40	41	46	51	64	57	48	156	123	
Commission Merchants.....	35	36	36	39	38	38	39	43	47	47	48	51	56	61	63	64	57	126	84	
Grain Dealers.....	15	11	14	15	17	18	21	24	23	19	17	24	25	20	15	75	3			
Total Number Issued.....	5,618	5,671	5,720	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	3,021	2,271	1,109

† Licensed as Private Elevators.

‡ Licensed as Public Elevators.

* Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1947, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	606	1,528
Saskatchewan.....	1,275	2,742
Alberta.....	724	1,434
British Columbia.....	45	95
Ontario.....	18	37
Total as at December 1, 1947.....	2,668	5,836

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1946, to July 31, 1947

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$		\$		\$		\$	\$
Manitoba.....	47,129,572	610,095.41	16,577,852	75,276.38	25,279,295	154,598.12	259,153	5,661.95	845,631.86
Saskatchewan.	178,680,729	2,283,710.41	47,623,414	211,752.33	24,018,439	140,352.11	3,082,142	67,542.32	2,703,357.17
Alberta.....	108,134,272	1,334,513.10	34,991,935	155,821.53	17,759,641	103,057.83	2,322,748	51,312.75	1,644,705.21
	333,944,573	4,228,318.92	99,193,201	442,850.24	67,057,375	398,008.06	5,664,043	124,517.02	5,193,694.24
									1.20
									112.20
									5,193,807.64
									22,719,676.27
									27,913,483.91

(j) STATISTICS

308 GRAIN EXCHANGE BLDG.,
FORT WILLIAM, ONT.,
January 26, 1948.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the Statistics Branch of the Board for the Crop Year 1946-47.

Wheat production for the 1947, 1946 and 1945 Crop Years for all of Canada have been estimated by the Dominion Bureau of Statistics as follows: 340.8, 413.7 and 318.5 million bushels, and for the Prairie Provinces during the same Crop Years, 319.0, 393.0 and 294.6 million bushels.

Prairie Wheat acreage over these three years ranged from a low of 22.56 million acres in 1945 to 23.35 millions during 1946. Yields during these years were lowest in 1945, estimated at 13.1 bushels per acre. The 1946 crop out-turned at 16.8 bushels per acre, and 1947 Wheat yields fell to 13.9 bushels.

At the close of the 1946-47 Crop Season on July 31, the total carry-over of Canadian Wheat was placed at 84.5 million bushels, slightly above the carry-over estimate for the previous year of 73.6 millions. Some improvement in the distribution of this grain with respect to storage location was reported in 1947, however, with less grain carried on farms, and although country elevator stocks were higher, terminal supply conditions had also improved.

From a total available Canadian Wheat supply at the 1946-47 Crop Year of 487.3 million bushels, exports of Wheat and Wheat-flour were made in amount of 242.8 million bushels, while domestic disappearance reduced Wheat stocks by a further 160.0 million bushels.

Detailed statistical summaries of Production, Distribution and Carry-over are shown in the Appendix of this report.

Farm Deliveries—

Western Primary Farm Wheat marketings during the Crop Year 1946-47 were reported at 334.6 million bushels and represented an increase of 41% over deliveries for the previous season. These deliveries were 52.1 million bushels above the annual average for the five preceding years, and represented a substantially higher percentage of the harvested crop as indicated in the following summary:

WESTERN FARM WHEAT DELIVERIES SEASON 1946-47

	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1946-47	1945-46	5 Year Average 1941-42 1945-46
<i>Delivered to</i>	bus.	bus.	bus.	bus.	bus.	bus.
Country Elevators.....	46,344,838 ¹	177,209,070 ¹	107,396,720 ¹	330,950,628 ¹	235,241,877	278,527,513
Interior Private and Mill Elevators.....	444,572	1,253,115	1,291,976	2,989,663	1,576,024	3,149,065
Interior Terminal Elevators (Street Receipts).....			9,068	9,068	2,428	5,866
Loaded over Platforms.....	447,599	45,064	164,851	657,514	479,277	811,111
From Farms Direct to U.S.A. by Truck ²	11,498			11,498		
Total.....	47,248,507	178,507,249	108,862,615	334,618,371	237,299,606	282,493,555
Production.....	58,000,000	208,000,000	130,089,000	396,089,000	297,144,000	358,185,000
Percentage of Production...	81.5%	85.8%	83.7%	84.5%	79.9%	78.9%

¹ Preliminary Returns.

² Dominion Bureau of Statistics—Customs Clearance.

LAKE TRANSPORTATION

The arrival at the Lakehead of the SS. *Mohawk Deer* on April 19, 1947, followed very closely by the SS. *Capt. C. D. Secord*, marked the opening of the season of navigation on the Great Lakes. Last year the first vessel had worked its way up from the Georgian Bay to the Twin City ports by April 7, while March 27 is the earliest recorded date for the spring arrival of a vessel into these harbors.

Loading of the final grain cargo for the season was completed on December 13, 1947, with the clearance of the SS. *Donnacona*.

While lake shipments for all grains during the current navigation year, totalling 256,292,254 bushels, exceeded the movement of the previous season by a narrow margin, total shipments this year were more than 90 million below the average for the five preceding years, and represented only 53% of the record traffic in 1945. Lake wheat shipments from Fort William-Port Arthur Terminals amounted to 167,333,848 bushels for the 1947 season. Though slightly higher than the movement of the past year, the average lake wheat shipments for the period from 1942 to 1946, inclusive, totalled 244.1 millions, and during the record year in 1945 cargo vessels carried 344.4 million bushels of wheat from the lakehead.

FREIGHT RATES

Lake freight rates for grain from the lakehead to Canadian ports opened $\frac{1}{2}$ cent to 2 cents per bushel higher over the Bay Ports-Lower St. Lawrence range, and remained firm until rising insurance charges in December, as the close of navigation approached, brought corresponding advances.

A summary of weighted monthly average lake freight rates for wheat to Canadian ports, compiled from data obtained from vessel charter confirmations is shown below.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES 1947 SEASON OF NAVIGATION

Fort William-Port Arthur to	Georgian Bay Ports	Port Colborne	Toronto	Kingston	Prescott	St. Lawrence Ports Direct
	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.
April.....	4.0	5.0	5.5	.....	.....	10.0
May.....	4.0	5.0	5.5	.....	.....	10.0
June.....	4.0	5.0	5.5	.....	.....	10.0
July.....	4.0	5.0	5.5	.....	.....	10.0
August.....	4.0	5.0	.....	.....	6.0	10.0
September.....	3.99	5.0	5.5	.....	.....	10.0
October.....	3.99	5.0	5.5	.....	.....	10.0
November.....	4.02	5.0	.....	6.0	6.0	10.0
December.....	5.89	7.02	.....	.....	.....	10.0
Season Averages—						
1947.....	4.05	5.14	5.5	6.0	6.0	10.0
1946.....	3.57	4.05	5.0	5.08	5.0	8.0

Only two cargoes of wheat moved by lake to Buffalo during the season at 6 cents (U.S. per bushel). The remainder of the traffic to both Buffalo and Erie carried the higher $6\frac{1}{2}$ cents (U.S.) rate.

Freight charges of $4\frac{1}{2}$ cents (Can.) per bushel were assessed on one cargo of rye which cleared for Duluth in April. A further cargo of rye was moved from the lakehead to New York by water in November at a 13 cents (U.S.) rate.

INLAND WATER FREIGHT RATES ACT

In accordance with the requirements of the Inland Water Freight Rates Act, 1923, as amended, copies of charter confirmations for all lake grain cargoes clearing Fort William-Port Arthur during the season of navigation were filed by shippers with this office.

From these charter confirmations, monthly statements of weighted average rates charged for each kind of grain by port of destination have been prepared for the Minister, the Board, and others interested in this data.

EXPORT CLEARANCES

Exports of Canadian wheat and wheat-flour, in terms of wheat equivalent, for the crop year 1946-47 were recorded at 242,858,280 bushels, representing a decline of approximately 100,000,000 bushels from 1945-46 export levels, and a substantial falling off from average returns for the five-year period from 1942-43 to 1946-47 amounting to 296,873,554 bushels.

Shipments of Canadian wheat to the United States for consumption and milling in bond are included in these figures, and show a more than proportionate decline from 12.3 million bushels exported in 1945-46 to the very small movement of 1.67 millions for the 1946-47 season.

During 1946-47, Canadian wheat-flour exports climbed sharply to a new high point in the history of the trade of 79,470,491 bushels in terms of wheat, showing a remarkable gain over the previous record of 62,657,244 bushels established in 1944-45.

Over one-half of all Canadian overseas shipments of wheat were cleared from the Canadian Atlantic seaboard during the 1946-47 crop year, with the movement shared between Canadian Pacific, Canadian and United States Atlantic ports in the ratio of 35 : 58 : 7.

PORT CHURCHILL

A new seasonal record was established for the volume of ocean shipments from the Port of Churchill during the 1947 season. Fifteen vessels cleared the harbour during the months of August and September, 1947, with grain cargoes totalling 4,975,753 bushels, compared to shipments of last year amounting to 2,928,875 bushels, and the previous high point of 4,293,501 bushels shipped overseas during the 1936 season.

Rail receipts at the port, beginning in the month of July and continuing through August and September, amounting to 5,043,774 bushels for all grain, were also markedly heavier.

Grain storage at July 31, totalling 2,116,692 bushels of wheat and 1,400 bushels of oats were reported; 109,983 bushels of wheat and 407 bushels of oats were in store for the winter carry-over at the close of the 1947 calendar year on December 31.

INSURANCE

All insurance policies filed by Public Country and Semi-Public elevators in accordance with Section 102 of the Canada Grain Act, and also policies received from licensed eastern elevators, under provisions of Order-in-Council P.C. 2393, dated April 7, 1941, have been carefully scrutinized and weekly reports of terminal stock values verified to ensure full insurance coverage on stored grain.

ANNUAL WEIGH-UP

Weigh-over statements required in connection with annual stock audits of grain stored in terminal elevators, undertaken by the Board's inspection and weighing departments under provisions of Sections 138 and 138A of the Canada Grain Act, have been prepared and duly submitted to the Board.

GENERAL

Nineteen hundred and forty-seven has been a year of many staff changes. While a number of our older, more experienced staff members have retired, an orderly replacement of personnel has been made for the most part, though junior clerical assistance has been obtained with difficulty.

Our staff has been strengthened by the addition of a statistician, and the very considerable number of staff promotions during the year has made for the more effective operation of this branch.

The necessary reorganization required for the adapting of a major part of our statistical summary procedure to machine operation was undertaken during the year.

Although not initiated by this branch, a constructive joint meeting between representatives of the Canadian Wheat Board, the Dominion Bureau of Statistics and our own organization was held at Fort William during the fall in an effort to better correlate Canadian grain statistical returns published by our respective branches.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, IN BUSHELS

	1945	*1946	†1947
	bus.	bus.	bus.
On Farms—Estimated.....	28,650,000	27,203,000	25,988,000
In Country, Private Terminal and Mill Elevators.....	68,185,804	18,319,829	20,891,271
In Public and Semi-Public Terminal Elevators.....	78,973,042	6,586,058	10,072,470
In Store and Afloat Eastern Elevators.....	35,230,163	11,525,957	16,886,727
In Eastern Flour Mills.....	3,069,736	3,394,062	2,826,207
In Transit Rail.....	24,371,296	6,437,303	7,720,905
In Store and in Transit in the United States.....	19,592,789	134,000	87,000
Total.....	258,072,830	73,600,209	84,472,580

Crops of 1946 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Carry-over, July 31, 1946.....	73,600,209	77,491,528	29,937,099	768,149	1,649,218
Production—All Canada.....	413,725,000	371,069,000	148,887,000	8,811,000	6,402,700
Total Available Supply.....	487,325,209	448,560,528	178,824,099	9,579,149	8,051,918
Carry-over, July 31, 1947.....	84,472,580	67,996,649	28,636,494	702,034	777,034
Total Disposed of.....	402,852,629	380,563,879	150,187,605	8,877,115	7,274,884

EXPORTS

1946-47.....	163,387,789	21,792,569	6,903,036	5,268,968	61,446
Wheatflour, Oatmeal, etc.. equivalent to.....	79,470,491	7,966,202			
Total.....	242,858,280	29,758,771	6,903,036	5,268,968	61,446
1945-46 (Revised).....	278,069,955	37,511,258	4,416,254	2,967,803	345,674
Wheatflour, Oatmeal, etc.. equivalent to.....	62,037,797	6,349,464			
Total.....	340,107,752	43,860,722	4,416,254	2,967,803	345,674

* Revised.

† Subject to revision.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1946, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1946-47 (ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	58,000,000	50,000,000	43,000,000	346,000	2,979,000
Saskatchewan.....	208,000,000	100,000,000	43,000,000	4,005,000	2,594,000
Alberta and British Columbia	130,089,000	101,447,000	48,542,000	2,956,000	660,700
Total.....	396,089,000	251,447,000	134,542,000	7,307,000	6,233,700

(b) PRIMARY MARKETINGS* AT COUNTRY ELEVATORS

Manitoba.....	46,344,838	16,331,492	24,887,571	254,588	2,149,345
Saskatchewan.....	177,209,070	47,572,981	24,077,851	2,996,087	2,061,374
Alberta.....	107,396,720	34,861,847	17,825,844	2,289,650	453,093
Total.....	330,950,628	98,766,320	66,791,266	5,540,325	4,663,812

LOADED OVER PLATFORMS

Manitoba.....	447,599	69,615	327,460	3,064	6,973
Saskatchewan.....	45,064	24,903	14,626	810	4,246
Alberta.....	164,851	356,349	42,175	9,391	.....
Total.....	657,514	450,867	384,261	13,265	11,219

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....	.....	16,938	19,112	.....	.....
Saskatchewan.....	.....	.....	.....	.....	10
Alberta.....	9,068	73,584	14,701	.....	912
Total.....	9,068	90,522	33,813	.....	922

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	444,572	87,887	120,525	.....	108,810
Saskatchewan.....	1,253,115	105,770	109,511	9,128	4,085
Alberta.....	1,291,976	354,696	113,309	14,631	7,136
Total.....	2,989,663	548,353	343,345	23,759	120,031

† TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....	11,498	105	240	.....	10,862
Saskatchewan.....	.....	200	4	.....	1,004
Alberta.....	.....	.....	.....	.....	.....
Total.....	11,498	305	244	.....	11,866

(a) PRODUCTION—Official Estimate—Dominion Bureau of Statistics.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situated in British Columbia are included in Alberta figures.

* Preliminary returns.

† Customs returns—Dominion Bureau of Statistics.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1946, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS
CROP YEAR 1946-47 (ENDED JULY 31)—Continued**

TOTAL MARKETED

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	47,248,507	16,506,037	25,354,908	257,652	2,275,990
Saskatchewan.....	178,507,249	47,703,854	24,201,992	3,006,025	2,070,719
Alberta.....	108,862,615	35,646,476	17,996,029	2,313,672	461,141
Total.....	334,618,371	99,856,367	67,552,929	5,577,349	4,807,850

(c) GRAIN INSPECTED

—	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	43,254,590	15,791,095	22,428,180	280,610	1,583,400
Saskatchewan.....	173,297,530	45,474,945	21,020,850	3,012,685	2,432,850
Alberta and British Columbia	95,133,870	29,200,350	12,118,830	2,111,465	355,060
Total.....	311,685,990	90,466,390	55,567,860	5,494,760	4,371,310

(c) INSPECTIONS—These are compiled according to provinces in which grain was grown.

TOTAL PRIMARY GRAIN HANDLINGS AT EASTER ELEVATORS 1946-47

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....	168,969,443	49,454,336	21,857,028	3,366,576	1,209,209
Shipments.....	164,389,965	54,536,379	23,548,241	3,301,709	1,624,088

—	Canadian Corn	Canadian Buckwheat	Canadian Beans	Canadian Peas	Mixed Grain
	bus.	bus.	bus.	bus.	lbs.
Receipts.....	1,899,158	27,177	394,712	31,322	13,147,726
Shipments.....	1,238,664	34,840	350,225	28,822	12,702,130

UNITED STATES GRAIN

—	Wheat	Rye	Corn	Beans	Rice
	bus.	bus.	bus.	bus.	bus.
Receipts.....	402,996	1,809	4,067,132	149,845	87,607
Shipments.....	402,996	1,809	4,028,598	149,845	87,607

FOREIGN GRAIN (OTHER THAN U.S.A.)

—	Argentine Corn	—	Argentine Corn
	bus.		bus.
Receipts.....	1,987,795	Shipments.....	1,988,262

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION
(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1946-47

	U.S.A. Wheat	U.S.A. Rye	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice	Argentine Corn
	bus.	bus.	bus.	bus.	bus.	bus.
Via Eastern Elevators.....	20,300	1,809	3,382,639	149,845	87,607	1,988,262
Fort William—Port Arthur.....						
Interior Private Terminals.....			3,327	55,650		
Pacific Coast Terminals.....			290,236			86,016

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS,
CROP YEAR 1946-47

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
<i>Fort William—Port Arthur—</i>					
Receipts.....	188,390,308	60,588,819	37,278,684	5,462,379	3,496,465
Shipments.....	186,164,613	64,411,403	37,461,575	5,405,170	3,647,712
<i>Vancouver—New Westminster—</i>					
Receipts.....	60,767,227	7,374,891	1,475,027	44,589	1,749
Shipments.....	59,835,243	9,067,308	1,453,389	44,498	1,707
<i>Victoria, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Churchill, Man.—</i>					
Receipts.....	3,167,917	2,379			
Shipments.....	2,928,936	18,982			
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	359,408	382,702	904,072	1,659	1,594
Shipments.....	315,848	397,183	868,343	1,659	1,594
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....					

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
<i>Receipts—</i>					
Calgary.....	640,261	162,408	1,349,294	1,622	912
Edmonton.....	696,959	559,943	88,964		
Lethbridge.....	1,537				
Moose Jaw.....	19,547	14,924	3,738	5,656	479
Saskatoon.....	34,397	178,272	45,282		213,883
Total.....	1,392,701	915,547	1,487,278	7,278	215,274
<i>Shipments—</i>					
Calgary.....	645,033	350,101	1,870,290	1,622	1,536
Edmonton.....	694,243	745,060	382,151		1,155
Lethbridge.....	2,012				
Moose Jaw.....	19,547	121,255	51,920	5,656	46,212
Saskatoon.....	24,096	306,620	74,635		213,448
Total.....	1,384,931	1,523,036	2,378,996	7,278	262,351

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY, PAID IMPORTS)

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....			3,663,803	257,756	
Shipments.....			3,768,343	257,756	

ANALYSIS OF CANADIAN WHEAT EXPORTS, BY MONTHS AND SEABOARD AREA—CROP YEAR 1946-47¹

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports ²		Milling in Bond	Total All Wheat	Wheat Flour ³	Total Wheat and Flour
					For Human Con- sumption duty-paid	Unfit for Human Con- sumption				
1946	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
August.....	1,445,126	2,873,518	1,648,000	14,500	.....	18,637	208,794	6,208,575	8,896,536	15,105,111
September.....	1,739,249	7,107,886	1,280,875	3,337	.....	1,065	240,269	10,372,681	5,562,562	15,935,243
October.....	3,731,143	8,124,657	.....	625,749	103,962	1,288	331,590	12,918,389	4,435,767	17,354,156
November.....	4,698,535	11,498,111	.....	4,296,985	.....	.....	440,745	20,934,376	6,156,270	27,090,646
December.....	7,339,600	2,759,649	.....	945,430	600	.....	122,875	11,168,214	3,247,848	14,416,062
1947										
January.....	7,618,701	4,752,522	.....	1,961,153	19,241	.....	58,146	14,409,763	6,208,542	20,618,305
February.....	4,400,066	3,446,658	.....	2,592,546	2,538	5,271	67,100	10,514,179	5,537,858	16,052,037
March.....	4,579,354	2,772,377	.....	769,222	9,659	1,833	19,525	8,151,970	6,102,090	14,254,060
April.....	4,799,401	4,788,188	.....	698,457	3,937	.....	.....	10,289,983	5,014,697	15,304,680
May.....	6,232,793	11,604,605	.....	21,373	493	.....	.....	17,859,264	10,385,154	28,244,418
June.....	5,889,629	16,294,328	.....	7,841	.....	.....	5,200	22,196,998	10,537,222	32,734,220
July.....	3,562,608	14,781,601	.....	9,761	1,150	500	7,777	18,363,397	7,385,945	25,749,342
Total Crop Year 1946-47.....	56,036,205	90,804,100	2,928,875	11,946,354	141,640	28,594	1,502,021	163,387,789	79,470,491	242,858,280
Total Crop Year 1945-46.....	65,934,100	132,035,734	.....	67,764,992	413,436	718,702	11,202,991	278,069,955	62,037,797	340,107,752
5-year average 1942-43 to 1946-47.....	26,880,532	104,242,719	585,775	54,790,659	34,783,866	3,389,025	7,932,244	232,604,820	64,268,734	296,873,554

¹ Monthly grand totals include exports of Canadian Wheat Flour.² Source—United States Department of Commerce, Bureau of the Census.³ Canadian Customs Returns—Dominion Bureau of Statistics.

ANALYSIS OF CANADIAN GRAIN OVERSEAS EXPORTS, BY GRADE AND SEABOARD AREA, CROP YEAR 1946-47

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bus.	bus.	bus.	bus.
<i>Wheat</i> (all Varieties)—				
1 Manitoba Hard.....				
1 Manitoba Northern.....	7,081,198	25,833,685	2,133,530	35,048,413
2 Manitoba Northern.....	17,347,911	45,388,293	7,464,067	70,200,271
3 Manitoba Northern.....	18,928,118	10,575,627	1,351,389	30,855,134
4 Manitoba Northern.....	6,573,588	4,732		6,578,320
4 Special.....	166,133			156,133
Tough 2 Manitoba Northern.....		1,462,719		1,462,719
Tough 3 Manitoba Northern.....		4,584,395		4,584,395
Sample.....		24		24
1 C.W. Garnet.....	161,653			161,653
2 C.W. Garnet.....	1,411,518			1,411,518
3 C.W. Garnet.....	2,645,486			2,645,486
Sample Garnet.....		71,404		71,404
1 Alberta Red Winter.....	1,174,627			1,174,627
2 Alberta Winter.....	479,510			479,510
3 Alberta Winter.....	66,463			66,463
Seed.....		161,388	590,536	751,924
1 C.W. Amber Durum.....		44,432		44,432
2 C.W. Amber Durum.....		896,064	90,394	986,458
3 C.W. Amber Durum.....		4,710,212	316,438	5,026,650
Total.....	56,036,205	93,732,975	11,946,354	161,715,534
<i>Oats</i> —				
2 C.W.....	77,647	336,292		413,939
Ex. 3 C.W.....		1,060,591		1,060,591
3 C.W.....	65,882	3,500,380		3,566,262
Ex. 1 Feed.....		2,221		2,221
1 Feed.....	4,926,446	6,565,827		11,492,273
2 Feed.....		758,936		758,936
Mixed Feed.....	608,740	1,654,256	825,846	3,088,842
Tough.....		4,167		4,167
Sample.....		80,399	442,305	522,704
Seed.....		31,994		31,994
Eastern.....		1,055		1,055
Total.....	5,678,715	13,996,118	1,268,151	20,942,984
<i>Barley</i> —				
2 C.W. Six-Row.....			70,000	70,000
3 C.W. Six-Row.....			436,709	436,709
1 Feed.....			215,900	215,900
Sample.....			2,121,986	2,121,986
Total.....			2,844,595	2,844,595
<i>Rye</i> —				
2 C.W.....		1,806,076	611,087	2,417,163
3 C.W.....		991,840	114,493	1,106,333
Total.....		2,797,916	725,580	3,523,496
<i>Flaxseed</i> —				
1 C.W.....		12,000		12,000

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS
BY SEABOARD PORTS, CROP YEAR 1946-47

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Vancouver-New Westminster.....	56,036,205	5,678,715			
Victoria.....					
Prince Rupert.....					
Montreal.....	55,151,188	12,918,238		2,197,309	12,000
Sorel.....	6,728,195				
Three Rivers.....	9,800,889				
Quebec.....	366,953				
St. John.....					
West St. John.....	11,786,412	1,064,730		600,607	
Halifax.....	6,970,463	13,150			
Churchill.....	2,928,875				
Total—Canadian Ports.....	149,769,180	19,674,833		2,797,916	12,000
New York.....	3,781,825	644,900	897,697	725,580	
Baltimore.....	3,091,638	623,251	874,832		
Boston.....	538,560		423,610		
Philadelphia.....	3,527,313		648,456		
Portland.....	1,007,018				
Total—U.S.A. Ports.....	11,946,354	1,268,151	2,844,595	725,580	
Total to Overseas.....	161,715,534	20,942,984	2,844,595	3,523,496	12,000
Wheat Flour ¹	79,470,491				
Rolled Oats and Oatmeal ¹		7,966,202			
U.S.A. Imports ²	1,672,255	849,585	4,058,441	1,745,472	49,446
Grand Total.....	242,858,280	29,758,771	6,903,036	5,268,968	61,446

		pounds	pounds		
Other U.S.A. Imports—					
Oats unhulled ground.....		431,320			
Barley Malt.....			7,721,400		

¹ Canadian Customs Returns converted to bushels.² United States official figures.

GRAIN COMMISSION

29

	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(Cents and eighths per bushel)													
WHEAT ¹													
(1) Class I (Domestic) —													
(a) Domestic Use —													
1 Hard.....	125	125	125	125	125	125	137/4	155	155	155	155	155	138/4
2 Northern.....	125	125	122	125	125	125	137/4	155	155	155	155	155	138/4
3 Northern.....	120	120	122	122	122	122	134/4	152	152	152	152	152	135/4
4 Northern.....	115	115	115	115	115	120	132/4	150	150	150	150	150	133/4
Number 5.....	112	112	112	112	112	112	127/4	145	145	145	145	145	128/4
Number 6.....	108	108	108	108	108	108	124/4	142	142	142	142	142	125/4
Feed.....	106	106	106	106	106	106	120/4	138	138	138	138	138	121/4
1 C.W. Garnet.....	120	120	120	120	120	120	118/4	136	136	136	136	136	119/4
2 C.W. Garnet.....	118	118	118	118	118	120	132/4	150	150	150	150	150	133/4
3 C.W. Garnet.....	116	116	116	116	116	116	130/4	148	148	148	148	148	131/4
1 Alberta Red Winter.....	135	135	135	135	135	135	128/4	146	146	146	146	146	129/4
2 Alberta Winter.....	134	134	134	134	134	134	147/4	165	165	165	165	165	148/4
3 Alberta Winter.....	131	131	131	131	131	131	146/4	164	164	164	164	164	147/4
							143/4	161	161	161	161	161	144/4
Durum Wheat —													
1 C.W. Amber.....	125	135	135	135	135	135	147/4	165	165	165	165	165	147/6
2 C.W. Amber.....	122	132	132	132	132	132	144/4	162	162	162	162	162	144/6
3 C.W. Amber.....	120	130	130	130	130	130	142/4	160	160	160	160	160	142/6
\$1.35 per bushel basis 1 Northern in store, Fort William-Port Arthur													
(b) Initial payment to producers													
(2) Class II (Export) —													
(a) United Kingdom													
1 Hard.....	155	155	155	155	155	155	155	155	155	155	155	155	155
2 Northern.....	152	152	152	152	152	152	152	152	152	152	152	152	152
3 Northern.....	150	150	150	150	150	150	150	150	150	150	150	150	150
(b) Commercial													
1 Hard.....	205	207/1	215/1	227/4	236/6	227/5	245/4	288/1	285/2	288/5	259	253/6	244/1
2 Northern.....	205	207/1	215/1	227/4	236/6	227/5	245/4	288/1	285/2	288/5	259	253/6	244/1
3 Northern.....	202	204/1	212/1	224/4	233/6	224/5	242/4	285/1	282/2	285/5	256	250/6	241/1
	200	202/1	210/1	222/4	221/6	222/5	240/4	283/1	280/2	283/5	254	248/6	239/1
Durum Wheat													
1 C.W. Amber.....	205	215/2	230/1	237/5	236/6	237/4	255/4	298/1	295/2	298/5	269	263/6	253/4
2 C.W. Amber.....	202	213/7	230/1	235	233/6	234/4	252/4	295/1	292/2	295/5	266	260/6	251
3 C.W. Amber.....	200	212/4	229/1	233	231/6	232/4	250/4	293/1	290/2	293/5	264	258/6	249/1

AVERAGE MONTHLY FIXED DOMESTIC AND EXPORT WESTERN GRAIN PRICES AND CLOSING CASH QUOTATIONS
ON THE WINNIPEG GRAIN EXCHANGE, CROP YEAR 1946-47

	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(Cents and eighths per bushel)													
OATS ¹													
(1) <i>Domestic and Producers—</i>													
2 C.W.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/4	65	65	65	65	56/4
Ex. 3 C.W.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/4	65	65	65	65	56/4
3 C.W.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/4	65	65	65	65	56/4
Ex. 1 Feed.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/4	65	65	65	65	56/4
1 Feed.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/2	65	65	65	65	56/4
2 Feed.....	51/4	51/4	51/4	51/4	51/4	51/4	51/4	57/2	65	65	65	65	56/4
3 Feed.....	51/2	50/4	51/4	51/4	51/4	51/4	51/4	56/7	65	65	65	65	56/3
(2) <i>Export—Schedule of Prices</i>													
(1) plus equalization fees:													
Equalization Fees—													
(East).....	34/1	35/2	40/3	40/3	41/5	41/7	44/4	56/3	38/4	44/7	50/3	51/2	43/2
(West).....	34/1	35/2	40/3	40/3	41/5	41/7	44/4	56/3	38/4	44/7	50/3	51/2	43/2
(B.C.).....	34/1	34/5	40/3	40/3	41/5	41/7	44/4	56/3	38/4	44/7	50/3	51/2	43/2
BARLEY ¹													
(1) <i>Domestic and Producers—</i>													
1 C.W. Six-Row.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
2 C.W. Six-Row.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
3 C.W. Six-Row.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
1 C.W. Two-Row.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
2 C.W. Two-Row.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
2 C.W. Yellow.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
3 C.W. Yellow.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
1 Feed.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
2 Feed.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
3 Feed.....	64/6	64/6	64/6	64/6	64/6	64/6	64/6	77/1	93	93	93	93	75/2
(2) <i>Export—Schedule of Prices</i>													
(1) plus equalization fees:													
Equalization Fees—													
(East).....	64	71/1	92/3	100/1	110	110	110	108/6	97/3	100	105	112/1	98/3
(West).....	60	67/1	88/3	96/1	106	106	106	105/2	97/3	100	105	112/1	95/6

RYE¹(1) *Domestic and Producers—*

209/7	226/4	236/2	260/7	273/5	258/2	291/2	324/7	302/3	351/7	357/7	360/6	287/6
2 C.W.....	221/6	231/4	255/7	267/5	253/2	286/2	318/4	293/5	346	352/2	355/6	282/2
3 C.W.....	220/6	229/2	249/5	280/4	245/5	275	308/1	283/1	316/5	319/5	295/1	265/3
4 C.W.....	190/6	201	224/3	227/1	215/5	245	280/2	248	272	273/4	266/2	234/3
Ergoty.....	200/6	211	234/3	239/1	232/5	262	297/2	275/1	310	318/4	291/1	254/1
Rejected 2 C.W.....												

(2) *Export—Same as Schedule 1.*FLAXSEED¹(1) *Domestic and Producers—*(a) *Domestic (to Crushers)*

275	275	275	275	275	275	275	275	275	275	275	275	275
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

(b) *Producers—*

325	325	325	325	325	325	325	325	325	325	325	325	325
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

(2) *Export—same as Schedule 1*

(b) Plus equalization fees:
No official quotation.
Equalization Fees—(East),
(West).

¹ Price Basis in Store, Fort William-Port Arthur and Vancouver.

(a) Price of wheat to domestic users advanced from \$1.25 per bushel, basis No. 1 Northern in store Fort William-Port Arthur or Vancouver to \$1.55 per bushel, February 18, 1947.

(b) On March 18, 1947, price ceilings for oats and barley were raised to 65c. and 93c. per bushel, respectively in store Fort William-Port Arthur terminals and Canadian Wheat Board support prices announced at these quotations for the top grades.

(c) Advance equalization payments to producers on the sale of oats and barley of 10c. and 15c. per bushel, respectively discontinued from March 18, 1947. An adjustment payment of 10c. per bushel was made to producers for barley delivered between August 1, 1946, and March 17, 1947.

(d) Effective from February 1, 1947, the price of flaxseed to domestic processors was raised to \$3.25 per bushel basis No. 1 C. W. in store Fort William-Port Arthur or Vancouver. Domestic feed and seed prices were unchanged at \$3.25 per bushel (above basis) throughout the Crop Year 1946-47.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY					
		1	1	2	3	1 C.W.	2 C.W.	1	2	3	1 C.W.	2 C.W.
		Hard	Northern	Northern	Northern	Garnet	Garnet	Hard	Northern	Northern	Garnet	Garnet
June 30 to July 4.....	<i>Canadian Government Elevators—</i> Calgary, Alta.....	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
June 27-28.....	Edmonton, Alta.....							22-00	79-10	192-50		8-30
July 2.....	Lethbridge, Alta.....							-30	-40	544-40		29-50
July 31 to Aug. 1.....	Saskatoon, Sask.....			141-20				1-50	2-00			
June 23.....	Moose Jaw, Sask.....							4-10		517-30	10-00	

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY					
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
		bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	
	<i>Canadian Consolidated Grain Co.</i>											
Dec. 12-13.....	Empire.....							179-10	81-10	20-40		
July 5.....	Empire.....							578-40	135-00	13-30		
Dec. 13-18.....	Thunder Bay.....							16-30	535-00	162-30		434-50
July 10-15.....	Thunder Bay.....								72-50	2,338-40		11-00
	<i>Eastern Terminal Elev. Co. Ltd.</i>											
July 15-18.....	Richardson.....							592-00	1,072-20	121-00		63-40
	<i>Federal Grain Limited</i>											
Dec. 19-23.....	Bawlf.....						12-40	454-30	651-50	118-50		
July 24-25.....	Bawlf.....							289-10	548-30	311-40		
Jan. 10-16.....	Northwestern.....			15,581-20				566-10		329-30		66-00
Jan. 2-7.....	Stewart.....							152-40	45-00	248-10		
	<i>Fort William Elev. Co. Ltd.</i>											
Aug. 6.....	Fort William Elev. Co. Ltd.....							212-40	533-00	87-00		
Dec. 9-11.....	Lakehead Terminals Ltd.....							747-20	1,285-10	120-30		
	<i>Manitoba Pool Elevators Ltd.</i>											
July 24-26.....	Terminal No. 1.....							838-10	2,618-30	3,272-30		7-00
June 25-26.....	Terminal No. 2.....							1,168-20	4,242-10	424-30		
May 31.....	Terminal No. 3.....							492-30	1,705-00	353-20		
July 21-24.....	Terminal No. 9.....							216-30	1,067-20	57-00		57-20

Dec. 7-12.....	McCabe Grain Co. Ltd. Dominion Gov't Elevator.	6, 275-10			1, 616-10	79-20	86-30
Dec. 16-23.....	National Grain Co. Ltd. G. T. P.				7, 301-50	3, 713-30	77-40
Feb. 10-11.....	Northland Terminals Ltd. Elevator "D"				39-40	60-20	5-00
Dec. 16-20.....	Ogilvie Flour Mills Co. Ltd.	2, 463-00	25-20		55-50		
Dec. 4-6.....	N. M. Paterson & Co.	3, 607-50			4, 741-40	3, 836-40	
Dec. 11-14.....	Reliance Grain Co.				82-40	192-40	16-30
Aug. 20-Sept. 4	Sask. Pool Terminals Ltd.						
July 24-29.....	Terminal No. 4.....				3, 399-30	30, 514-20	6, 683-00
July 31-Aug. 7	Terminal No. 4.....	289-50			2, 368-30		1, 479-50
Dec. 17-24.....	Terminal No. 6.....				3, 745-50	3, 494-10	6, 216-00
	Terminal No. 7.....	4, 741-30			5, 969-20	25, 718-00	9, 608-10
July 15-22.....	Searle Grain Co.				8, 880-20	12, 560-30	4, 355-40
Jan. 8-11.....	Superior Elevator Co. Ltd.						2, 105-30
Aug. 13-16.....	"P & H" United Grain Growers Terminals Ltd.	3, 499-20	479-50		7, 002-10		30-50
July 29-Aug. 1	United Grain Growers Terminals Ltd.				931-30	3, 332-40	1, 200-20
Dec. 17-19.....	Western Grain Co.	82-20	22, 423-00		6, 979-30	14, 936-50	6, 724-30
						1, 781-50	38-30
							24-20

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL AND NORTH TRANSCONA, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930 and amendments thereto

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	VANCOUVER-NEW WESTMINSTER	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
July 23- Aug. 9, 1947	<i>Alberta Wheat Pool</i> Terminal No. 1								5,653-30	20,414-20	21,965-10	56-20	842-00
Oct. 12, 1946	Terminal No. 2							420-00		409-10	324-20		
Mar. 24-27, 1947	Midland Pacific Terminals Ltd.							1,034-10	1,891-30	3,017-00		50-20	132-40
July 22-30, 1947	Pacific Elevators Ltd.							6,493-10	16,256-30	15,721-00		3-30	17-20
June 30- July 2, 1947	James Richardson & Sons Ltd.		153-00		485-50					170-00			81-50
July 14-16, 1947	Searle Grain Co. Ltd.					8-10			374-00	3,389-10	4,616-40		818-40
July 17-22, 1947	United Grain Growers Term- inals Ltd.					19-10			1,634-10	4,839-30	12,207-10		1,838-10
	<i>Victoria</i>												
	*United Grain Growers Term- inals Ltd.												
	<i>Churchill</i>												
Sept. 28- Oct. 1, 1946	National Harbours Bd. Elev.								676-00	1,695-10	341-50		
	<i>North Transcona</i>												
July 29- Aug. 1, 1947	Eastern Terminal Elev. Co.								27-30	115-40	28-00		

* Not licensed.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP DURING CROP YEAR. AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
			bus.	bus.
Mar. 17-21, 1947	<i>Collingwood—</i> Collingwood Terminals Ltd.....	Western Canadian Wheat.....		2,913-50
		Western Canadian Oats.....		4,539-24
		Western Canadian Barley.....		452-23
		Western Canadian Rye.....		38-07
		Western Canadian Screenings	60,034 lbs.	
Mar. 18-Apr. 5, 1947	<i>Goderich—</i> Goderich Elev. & Transit Co.....	Western Canadian Wheat.....		22,093-11
		Western Canadian Oats.....		17,768-01
		Western Canadian Barley.....		9,243-01
		Western Canadian Rye.....		988-04
		Western Canadian Flaxseed.....		306-12
		Western Canadian Mix. Grain	33,249 lbs.	
		Western Canadian Screenings		8,979 lbs.
Mar. 20, 22, 1947	<i>Goderich—</i> Purity Flour Mills Ltd.....	Western Canadian Wheat.....		14,335-50
		Western Canadian Oats.....		321-31
		Western Canadian Barley.....		355-19
Apr. 15-22, 1947	<i>Humberstone—</i> Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		2,542-30
		Western Canadian Oats.....		364-23
Dec. 19-20, 1946	<i>Kingston—</i> Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		4,812-10
		Western Canadian Oats.....		535-16
		Western Canadian Barley.....		500-09
		Western Canadian Rye.....		84-10
		Western Canadian Flaxseed.....		92-14
Feb. 24- Mar. 11, 1947	<i>Midland—</i> Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		882-25
		Western Canadian Oats.....	145-30	
		Western Canadian Barley.....		124-39
		Western Canadian Screenings		2,492 lbs.
		U.S.A. Wheat.....		337-15
Feb. 26, 28, 1947	<i>Midland—</i> C.N.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		3,032-40
		Western Canadian Oats.....		137-13
		Western Canadian Barley.....		94-28
Apr. 12-18, 1947	<i>Midland—</i> Canada Steamship Lines Ltd.....	Western Canadian Wheat.....		4,584-10
		Western Canadian Oats.....		366-04
		Western Canadian Barley.....		47-21
		Western Canadian Rye.....		17-04
Mar. 5-12, 1947	<i>Midland—</i> Midland Simcoe Elev. Co. Ltd....	Western Canadian Wheat.....		5,095-30
		Western Canadian Oats.....	2,089-02	
		Western Canadian Barley.....		979-41
Mar. 24-Apr. 2, 1947	<i>Owen Sound—</i> Great Lakes Elev. Co. Ltd.....	Western Canadian Wheat.....		3,380-55
		Western Canadian Oats.....		1,745-17
		Western Canadian Barley.....		1,931-28
		Western Canadian Rye.....		13-10
		Western Canadian Screenings		4,975 lbs.
Apr. 8-9, 1947..	<i>Port Colborne—</i> National Harbours Board Elev....	Western Canadian Wheat.....		5,720-50
		Western Canadian Oats.....	435-03	
		Western Canadian Barley.....		55-23
		Western Canadian Rye.....		50-07
Apr. 9-14, 1947	<i>Port Colborne—</i> Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		9,841-10
		Western Canadian Oats.....		348-32
		Western Canadian Barley.....		239-12
		Western Canadian Rye.....		8-12
		U.S.A. Corn.....	1-30	

ANNUAL WEIGH-UP, CROP YEAR 1946-47—Continued

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—Continued

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
			bus.	bus.
Apr. 5-11, 1947	<i>Port McNicoll</i> — C.P.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		6,007-20
		Western Canadian Oats.....		1,737-00
		Western Canadian Barley.....		34-23
		Western Canadian Rye.....		433-41
		Western Canadian Screenings.....		1,114 lbs.
Dec. 18-19, 1946	<i>Prescott</i> — National Harbours Board Elev....	Western Canadian Wheat.....		1,909-00
		Western Canadian Oats.....		1,120-31
		Western Canadian Barley.....		431-19
		Western Canadian Flaxseed.....		36-07
		U.S.A. Corn.....		46-31
Apr. 24-May 10, 1947	<i>Sarnia</i> — Sarnia Elevator Co. Ltd.....	Western Canadian Wheat.....		36,504-20
		Western Canadian Oats.....		3,987-06
		Western Canadian Barley.....		5,399-43
		U.S.A. Wheat.....		716-00
		U.S.A. Corn.....		5,268-09
Aug. 12-22, 1946	<i>Toronto</i> — Toronto Elevators Ltd.....	Western Canadian Wheat.....		7,106-50
		Western Canadian Oats.....		5,488-08
		Western Canadian Barley.....		817-09
		Western Canadian Flaxseed.....		1,623-28
		Western Canadian Beans.....		-30
		U.S.A. Corn.....		68-40
May 12-16, 1947	<i>Walkerville</i> — Hiram Walker & Sons Corp.....	Western Canadian Wheat.....		429-10
		Western Canadian Oats.....		206-02
		Western Canadian Barley.....		455-26
		U.S.A. Corn.....		2,910-01
Dec. 4-16, 1946	<i>Montreal</i> — National Harbours Board Elev....	Western Canadian Wheat.....		10,081-00
		Western Canadian Oats.....		6,206-31
		Western Canadian Barley.....		1,372-19
		Western Canadian Rye.....		1,360-21
		Western Canadian Flaxseed.....		643-30
		Western Canadian Peas.....		68-40
		Western Canadian Screenings.....	2,530 lbs.	
		U.S.A. Corn.....		19-45
		U.S.A. Rice.....		35-00
		Argentine Corn.....		6,487-02
June 18-23, 1947	<i>Montreal</i> — Dominion Elev. Co. Ltd.....	Western Canadian Wheat.....		2,450-40
		Western Canadian Oats.....		4,791-13
		Western Canadian Barley.....		2,316-23
		Western Canadian Rye.....		168-02
		Western Canadian Mix. Grain.....		4,290 lbs.
		Western Canadian Screenings.....		22,450 lbs.
		Western Canadian Corn.....		1,763-17
		U.S.A. Corn.....	159-11	
		Argentine Corn.....		-24
Dec. 17-18, 1946	<i>Quebec</i> — National Harbours Board Elev....	Western Canadian Wheat.....		469-30
		Western Canadian Oats.....		353-23
		Western Canadian Barley.....		304-13
		Western Canadian Screenings.....		386 lbs.
Dec. 12-13, 1946	<i>Sorel</i> — North American Elevs. Ltd.....	Western Canadian Wheat.....		3,021-50
		Western Canadian Oats.....		868-19
		Western Canadian Barley.....		2-04
		Western Canadian Screenings.....		40 lbs.
Dec. 16, 1946..	<i>Three Rivers</i> — Three Rivers Grain & Elev. Co..	Western Canadian Wheat.....		1,773-50
		Western Canadian Oats.....		971-08
		Western Canadian Barley.....		4-10

ANNUAL WEIGH-UP, CROP YEAR 1946-47—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
June 25, 1947...	<i>Halifax</i> — National Harbours Board Elev....	Western Canadian Wheat.....	bus.	bus.
		Western Canadian Oats.....		4,472-40
		Western Canadian Barley.....		22-29
		U.S.A. Corn.....		10-32
		Argentine Corn.....		73-25
				18-42
June 27-28, 1947	<i>St. John</i> — C.N.R. Elevator.....	Western Canadian Wheat.....		32-30
		Western Canadian Oats.....		60-31
		Western Canadian Barley.....		40-42
		Western Canadian Screenings.....		190 lbs.
June 30, 1947...	<i>West St. John</i> — C.P.R. Elevator "B".....	Western Canadian Wheat.....		2,785-40
		Western Canadian Oats.....		280-16
		Western Canadian Rye.....		224-51
June 30, 1947...	<i>West St. John</i> — C.P.R. Elevator "H".....	Western Canadian Wheat.....		4,121-50
		Western Canadian Oats.....		274-33
		Western Canadian Rye.....		150-26

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. and 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, DURING CROP YEAR AUGUST 1, 1946, to JULY 31, 1947, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	Fort William		Edmonton	
	National Grain Co. Ltd. "D & S"		United Grain Growers Ltd.	
	Excess	Deficiency	Excess	Deficiency
	bus.	bus.	bus.	bus.
1 Manitoba Hard.....				
1 Manitoba Northern.....				
2 Manitoba Northern.....				
3 Manitoba Northern.....		3-50		241-10
1 C.W. Garnet.....				
2 C.W. Garnet.....				30-10
Date of Audit.....	July 16, 1947		July 10, 1947	

No Wheat of the above grades was handled or in store in the following elevators:—

Canada Malting Co. Ltd. (Nos. 1 and 2)..... Calgary, Alta.

Canada Malting Co. Ltd..... Winnipeg, Man.

Dominion Malting Co. Ltd..... South Transcona, Man.

NOTE.—The Red River Grain Co. elevator completely destroyed by fire before weigh-over undertaken.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1947

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 A. Miller, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chief Chemist, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 W. A. Hastings, representing the millers of wheat flour.
- | | | |
|-----------------|---|---|
| George Bennett | } | representing grain growers in Alberta. |
| W. H. Fairfield | | |
| R. H. MacDonald | | |
| B. S. Plumer | | |
| A. F. Sproule | } | representing grain growers in Saskatchewan. |
| Dr. L. E. Kirk | | |
| J. Wellbelove | | |
| L. L. Gray | | |
| G. S. Canfield | } | representing grain growers in Manitoba. |
| W. J. Parker | | |
| R. Barrett | | |
| J. Quick | | |
- G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS, 1947

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing exporters of grain.
- | | | |
|-----------------|---|--|
| F. H. Dunsford | } | representing millers of wheat in the Eastern Division. |
| H. Norman Davis | | |
| N. M. Marshall | } | representing grain growers in Ontario. |
| W. A. Amos | | |
| Wm. Wallace | } | additional—representing growers of corn. |
| J. M. Vittie | | |
| G. E. McConney | | |

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

Winnipeg

A. Miller, Chairman
 Grant Hammond
 J. McMahon
 A. F. Moore
 James Gregory
 S. C. Swanton
 J. F. Lazenby
 D. K. Mills
 H. R. Ballance
 S. Billinsky (Secretary)

Calgary

P. J. Marples, Chairman
 T. F. Allison
 W. G. McLeod
 J. Tranter
 J. A. Harris
 W. McLeod
 E. J. Munson
 G. C. Arbuthnott
 A. Watson

Edmonton

C. R. Manahan, Chairman
 H. Landsman
 W. H. Boyle
 A. Fraser
 T. Stickney
 J. A. Kyle
 L. T. Ingram
 J. F. Heathfield
 Ross Saunders
 D. K. McKay (Secretary)

Toronto

G. D. Brundrit
 C. H. Coatsworth
 R. O. Pratt
 N. H. Campbell
 C. W. Heimbecker
 L. S. Johnston
 W. H. McCarthy
 G. E. McConney
 E. D. Sullivan
 K. F. Wadsworth
 F. D. Tolchard (Secretary)

Montreal

A Chaplin
 T. B. Earle
 J. A. Byrne
 J. M. Vittie
 T. A. Climo
 E. Lorne Tracey (Secretary)

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1947

	Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	338	37	Nil	301
Calgary.....	438	86	Nil	352
Edmonton.....	317	38	1	278
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	1,093	161	1	931

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MANITOBA,
January 19, 1948

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal warehouse receipts, Western Division and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1947:

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	192,953,441-00	190,541,021-40
Oats.....	60,760,476-11	65,239,127-33
Barley.....	38,290,466-42	38,426,626-31
Flax.....	3,549,218-39	3,656,656-22
Rye.....	5,640,785-06	5,605,595-27
Mixed Grain.....	1,235,772-00	1,176,309-00
Oat Groats.....	15,535-00	25,996-16
Corn.....	110,369-42	113,592-30
Buckwheat.....	4,259-38	3,148-26
Soybeans.....	1,703-20	1,703-20
<i>Vancouver—</i>		
Wheat.....	60,396,020-40	59,445,468-50
Oats.....	6,109,759-22	7,761,662-26
Barley.....	756,920-08	764,985-38
Flax.....	523-42	481-54
Rye.....	3,033-22	2,948-22
Mixed Grain.....	65,388-34	49,125-30
<i>Calgary—</i>		
Wheat.....	638,905-20	646,390-50
Oats.....	162,407-30	345,100-28
Barley.....	1,325,953-28	1,868,606-32
Flax.....	912-21	1,536-03
Rye.....	1,621-54	1,621-54
Mixed Grain.....	281-00	1,499-20
<i>Edmonton—</i>		
Wheat.....	694,903-20	672,653-30
Oats.....	557,885-00	765,013-20
Barley.....	95,546-20	382,150-20
Mixed Grain.....	2,221-30	554-40
Corn.....	9,606-48	6,317-30
Flax.....		1,155-07
<i>Saskatoon—</i>		
Wheat.....	34,397-20	24,096-20
Oats.....	178,272-12	308,981-22
Barley.....	45,283-08	72,273-36
Flax.....	213,894-43	213,448-07
Rye.....	2,206-00	
Mixed Grain.....	20,927-10	23,140-20
<i>Moose Jaw—</i>		
Wheat.....	18,633-10	13,254-40
Oats.....	16,867-10	104,147-18
Barley.....	2,273-07	75,319-18

	Bushels Registered	Bushels Registered for Cancellation
<i>Moose Jaw—Concluded</i>		
Flax.....	4,010-00	46,212-03
Rye.....	1,646-14	5,656-14
Mixed Grain.....	6,521-20	7,317-10
Sunflower Seeds.....	1,748-20	1,711-30
Rapeseed.....	3,868-40	3,868-40
Soybean.....	67,852-50	55,650-40
<i>Summary—Western Division—</i>		
Wheat.....	254,736,300-50	251,342,885-50
Oats.....	67,785,668-17	74,524,034-11
Barley.....	40,516,443-17	41,589,962-31
Flax.....	3,768,559-33	3,919,489-40
Rye.....	5,649,292-40	5,615,820-05
Mixed Grain.....	1,331,111-44	1,257,946-20
Oat Groats.....	15,535-00	25,996-16
Corn.....	119,976-34	119,910-04
Buckwheat.....	4,259-38	3,148-26
Soybeans.....	69,556-10	57,354-00
Rapeseed.....	3,868-40	3,868-40
Sunflower Seeds.....	1,748-20	1,711-30

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	255,898,108-45	251,104,368-30
Oats.....	63,912,076-18	68,940,664-16
Barley.....	22,886,022-16	24,571,997-06
Flax.....	1,302,960-21	1,731,391-19
Rye.....	5,668,052-16	5,614,333-11
Mixed Grain.....	319,771-42	312,082-42
Screenings.....	988,979-26	952,491-38
Buckwheat.....	27,243-04	34,552-18
Beans.....	544,557-30	455,273-10
Peas.....	31,322-38	87,373-10
Rice.....	87,606-40	87,506-40
Corn.....	9,905,830-30	9,181,475-10
Oat Groats.....	1,985-10	.....

Yours respectfully,

E. L. JAFFRAY,

Registrar.

APPENDIX No. 5

REPORT OF THE CHIEF INSPECTOR OF GRAIN

1064 Grain Exchange,

WINNIPEG, MAN., January 6, 1948

Mr. J. Rayner, Secretary,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1947.

The total number of cars inspected in the Western Division for the year 1946-47 was 267,139 as against 249,528 for the previous year, an increase of 17,611 cars.

Yours truly,

F. S. LUDLAM,

Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1946 to July 31, 1947, are made up as follows:

	Cars	Percentages
Wheat.....	188,962	70.735
Oats.....	39,157	14.658
Barley.....	30,104	11.269
Flax.....	3,402	1.274
Rye.....	3,471	1.299
Mixed Grain.....	837	.314
Corn.....	28	.011
Buckwheat.....	1	.....
Screenings.....	1,011	.378
Peas.....	161	.060
Sunflower Seeds.....	5	.002
Totals.....	267,139	100.000

The grades of wheat are as follows:

	Cars	Percentages	Totals	Percentage of Total Inspections
1 Manitoba Northern.....	25,740	14.389		
2 Manitoba Northern.....	81,048	45.306		
3 Manitoba Northern.....	23,381	13.070		
4 Manitoba Northern.....	5,472	3.059		
No. 4 Special.....	2,820	1.576		
No. 5 Special.....	39	.022		
No. 5.....	1,539	.860		
No. 6.....	124	.069		
Feed.....	17	.010		
Sample.....	75	.042		
Smutty.....	541	.302		
Tough.....	36,362	20.327		
Damp.....	1,024	.572		
Rejected.....	708	.396		
Total Red Spring Wheats.....	178,890	100.000	178,890	94.670
1 Garnet.....	92	2.993		
2 Garnet.....	392	12.753		
3 Garnet.....	392	12.753		
Smutty Garnet.....	3	.097		
Tough Garnet.....	2,179	70.884		
Damp Garnet.....	12	.390		
Rejected Garnet.....	4	.130		
Total Garnet Wheats.....	3,074	100.000	3,074	1.627
1 Amber Durum.....	51	1.060		
2 Amber Durum.....	802	16.685		
3 Amber Durum.....	2,761	57.437		
4 Amber Durum.....	86	1.789		
5 Amber Durum.....	11	.228		
6 Amber Durum.....	1	.020		
Smutty Amber Durum.....	198	4.119		
Tough Amber Durum.....	689	14.334		
Damp Amber Durum.....	51	1.061		
Rejected Amber Durum.....	114	2.372		
Sample Amber Durum.....	43	.895		
Total Amber Durum Wheats.....	4,807	100.000	4,807	2.544
1 White Spring.....	3	1.266		
2 White Spring.....	16	6.750		
3 White Spring.....	74	31.224		
4 White Spring.....	19	8.017		
Smutty White Spring.....	1	.422		
Tough White Spring.....	104	43.882		
Damp White Spring.....	1	.422		
Rejected White Spring.....	19	8.017		
Total White Spring Wheats.....	237	100.000	237	.125
1 Mixed Wheat.....	41	33.334		
2 Mixed Wheat.....	2	1.626		
3 Mixed Wheat.....	12	9.756		
4 Mixed Wheat.....	1	.813		
5 Mixed Wheat.....	18	14.634		
6 Mixed Wheat.....	3	2.439		
Tough Mixed Wheat.....	37	30.081		
Smutty Mixed Wheat.....	4	3.252		
Rejected Mixed Wheat.....	5	4.065		
Total Mixed Wheat.....	123	100.000	123	.065
1 Alberta Red Winter.....	1,019	55.653		
2 Alberta Winter.....	503	27.471		
3 Alberta Winter.....	135	7.373		
Tough Alberta Winter.....	52	2.840		
Smutty Alberta Winter.....	96	5.243		
Rejected Alberta Winter.....	23	1.256		
Sample Alberta Winter.....	3	.164		
Total Alberta Winter Wheat.....	1,831	100.000	1,831	.969
TOTAL ALL WHEATS.....	188,962		188,962	100.000

The grades of oats are as follows:

	Cars	Percentages
1 Canada Western.....	4	·010
2 Canada Western.....	2,007	5·126
Extra 3 Canada Western.....	826	2·109
3 Canada Western.....	7,097	18·124
Extra 1 Feed.....	1,837	4·691
1 Feed.....	12,914	32·980
2 Feed.....	4,535	11·582
3 Feed.....	839	2·143
Mixed Feed Oats.....	152	·388
Rejected Oats.....	92	·235
Sample.....	27	·069
Tough.....	8,614	21·999
Damp.....	213	·544
Total.....	39,157	100·000

The grades of barley are as follows:

	Cars	Percentages
1 Canada Western Six-Row.....	8	·026
2 Canada Western Six-Row.....	1,136	3·774
3 Canada Western Six-Row.....	2,250	7·474
1 Canada Western Two-Row.....	1	·003
2 Canada Western Two-Row.....	291	·967
2 Canada Western Yellow.....	72	·239
3 Canada Western Yellow.....	203	·674
1 Feed.....	6,580	21·858
2 Feed.....	8,949	29·727
3 Feed.....	3,454	11·474
Rejected.....	126	·419
Sample.....	29	·096
Tough.....	6,666	22·143
Damp.....	339	1·126
Total.....	30,104	100·000

The grades of flax are as follows:

	Cars	Percentages
1 Canada Western.....	2,342	68·842
2 Canada Western.....	412	12·111
3 Canada Western.....	189	5·555
4 Canada Western.....	16	·470
Sample.....	9	·265
Tough.....	423	12·434
Damp.....	10	·294
Flax and Broken Wheat.....	1	·029
Total.....	3,402	100·000

The grades of rye are as follows:

	Cars	Percentages
1 Canada Western.....	93	2·679
2 Canada Western.....	1,518	43·734
3 Canada Western.....	854	24·604
4 Canada Western.....	138	3·976
Ergoty Rye.....	6	·173
Rejected.....	3	·086
Tough.....	840	24·201
Damp.....	16	·461
Sample.....	3	·086
Total.....	3,471	100·000

The grades of mixed grain are as follows:

	Cars	Percentage
No. 1.....	68	8.124
No. 2.....	32	3.823
No. 3.....	434	51.852
Tough.....	250	29.869
Damp.....	19	2.270
Smutty.....	3	.359
Sample.....	24	2.867
Rejected.....	7	.836
Total.....	837	100.000

The grades of corn are as follows:

	Cars	Percentages
No. 2 Canada Western Yellow.....	5	17.857
No. 3 Canada Western Yellow.....	6	21.428
No. 5 Canada Western Yellow.....	1	3.571
Tough.....	4	14.286
Damp.....	6	21.429
Moist.....	6	21.429
Total.....	28	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1946 TO JULY 31, 1947

	Cars	Percentages
Winnipeg.....	191,126	71.546
Calgary.....	30,189	11.301
Moose Jaw.....	5,305	1.986
Saskatoon.....	6,169	2.309
Medicine Hat.....	3,910	1.463
Lethbridge.....	114	.043
Edmonton.....	27,473	10.284
Vancouver.....	965	.361
Churchill.....	1,888	.707
Total.....	267,139	100.000

SUMMARY OF CARS REINSPECTED 1946-1947

	Winnipeg		Calgary	
Cars Inspected.....	191,126		30,189	
Cars Reinspected.....	22,850	11.96%	3,802	12.51%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	12,259	53.65	2,105	55.37
Grades Raised.....	4,810	21.05	601	15.80
Grades Lowered.....	274	1.20	55	1.45
Dockage Raised.....	571	2.50	192	5.05
Dockage Lowered.....	4,936	21.60	849	22.33
Total.....	22,850	100.00	3,802	100.00

TRADE AND COMMERCE

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	27,473		6,169	
Cars Reinspected.....	6,991	25.45%	199	3.23%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	4,568	65.34	195	97.99
Grades Raised.....	652	9.34	4	2.01
Grades Lowered.....	117	1.67		
Dockage Raised.....	276	3.95		
Dockage Lowered.....	1,378	19.70		
Total.....	6,991	100.00	199	100.00
	Moose Jaw		Medicine Hat	
Cars Inspected.....	5,305		3,910	
Cars Reinspected.....	335	6.31%	99	2.53
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	281	83.88	59	59.59
Grades Raised.....	52	15.52	32	32.33
Grades Lowered.....	1	0.30	2	2.02
Dockage Raised.....	1	0.30	3	3.03
Dockage Lowered.....			3	3.03
Total.....	335	100.00	99	100.00
	Lethbridge		Vancouver	
Cars Inspected.....	114		965	
Cars Reinspected.....	Nil		Nil	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....				
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....				
	The Pas		Churchill	
Cars Inspected.....			1,888	
Cars Reinspected.....			4	.21%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....			4	100.00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			4	100.00

RECAPITULATION OF REINSECTIONS

Total Cars Inspected.....		267,139	
Total Cars Reinspected.....		34,280	12·83%
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	19,471	56·80	7·29
Grades Raised.....	6,151	17·94	2·30
Grades Lowered.....	449	1·31	0·17
Dockage Raised.....	1,043	3·04	0·39
Dockage Lowered.....	7,166	20·91	2·68
	34,280	100·00	12·83

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	301	89·05	278	87·69	352	80·37	931	85·18
Grades Raised.....	37	10·95	38	12·00	86	19·63	161	14·73
Grades Lowered.....			1	0·31			1	0·09
Dockage Raised.....								
Dockage Lowered.....								
Total.....	338	100·00	317	100·00	438	100·00	1,093	100·00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	267,139	100·00
Total Appeals.....	1,093	0·41
Total Grades Changed.....	162	0·06

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1946 TO JULY 31, 1947

	Fort William and Port Arthur	Vancouver	Churchill
	bushels	bushels	bushels
Wheat.....	176,020,130·00	56,003,198·20	2,928,875·40
Oats.....	49,614,438·18	7,649,078·12	
Barley.....	30,962,476·33		
Flax.....	1,315,787·30		
Rye.....	4,746,542·18		
Screenings.....	4,205,882·00		
Mixed Grain.....	224,636·44		

OUTWARD CARS INSPECTED CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, EX-PUBLIC, SEMI-PUBLIC
AND PRIVATE ELEVATORS

	Winnipeg	Calgary	Edmonton	Moose Jaw	Saskatoon	Vancouver	Fort William and Port Arthur	Churchill
Wheat.....	244	409	385	163	72	1,561	6,712	.....
Oats.....	933	365	336	452	164	857	6,469	7
Barley.....	473	1,048	192	50	86	381	3,895	.....
Flax.....	2	1	.....	38	124	.....	1,364	.....
Rye.....	5	4	2	7	3	5	410	.....
Screenings.....	579	370	21	199	304	747	1,530	20
Mixed Grain.....	41	15	1	83	11	22	554	.....
Corn.....	6	.....	.....	.....	.....	.....	26	.....
Sunflower Seed.....	.....	.....	.....	1	.....	.....	36	.....
Peas.....	31	.....	.....	.....	.....	.....	.....	.....
Total.....	2,314	2,212	987	993	764	3,573	20,996	27

EASTERN DIVISION

TOTAL INSPECTIONS, AUGUST 1, 1946 TO JULY 31, 1947

Carloads—

Grain Grown in Eastern Division—

	Cars	Cars
At Montreal.....	110	
At Toronto.....	809	
At Chatham.....	4,232	5,151

Cargoes—

Grain Grown in Eastern Division—

	Bushels
At Toronto:	
1 C. Yellow Soybeans.....	92,438

GRAIN CARGOES SAMPLED BUT NOT INSPECTED, AUGUST 1, 1946 TO JULY 31, 1947

	Bushels	Bushels
Western Grain.....	123,335,212	
Eastern Grain.....	1,054	
Miscellaneous Grain.....	918,942	
		124,255,208
At Montreal.....	83,314,368	
At Sorel.....	9,578,281	
At Three Rivers.....	9,976,363	
At Quebec.....	366,952	
At St. John.....	14,060,901	
At Halifax.....	6,958,343	
		124,255,208

CARLOADS SAMPLED BUT NOT INSPECTED, AUGUST 1, 1946 TO JULY 31, 1947

	Montreal	Toronto	Chatham
Western Grain.....	80		8
Eastern Grain.....	95		169
Miscellaneous Grain.....	6		
U.S. Grain.....	1		
Total.....	182		177

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
1 C.E. White Winter.....		58		58
2 C.E. White Winter.....		7		7
3 C.E. White Winter.....		1		1
1 C.E. Red Winter.....			7	7
2 C.E. Red Winter.....			1	1
1 C.E. Mixed Winter.....		198	66	264
2 C.E. Mixed Winter.....		53	3	56
3 C.E. Mixed Winter.....			1	1
4 C.E. Mixed Winter.....		1		1
Tough.....		92	38	130
Damp.....		1		1
Smutty.....		89	8	97
Sample.....		36	2	38
<i>Rye—</i>				
1 C.E.....	1	2		3
2 C.E.....	22	3		25
3 C.E.....	3			3
Tough.....	3	7	1	11
Sample.....	1	1		2

GRADES OF CARLOADS INSPECTED—*Continued*

	Montreal	Toronto	Chatham	Total
<i>Oats—</i>				
1 C.E. White.....			1	1
2 C.E. White.....			16	16
3 C.E.....			7	7
4 C.E.....			3	3
Sample.....			1	1
Mixed Feed Oats.....		44		44
<i>Flax—</i>				
1 C.E.....	1	15		16
2 C.E.....		1		1
3 C.E.....	3			3
Tough.....		2		2
<i>Barley—</i>				
2 C.E. Six-Row.....		1	18	19
3 C.E. Six-Row.....		2	17	19
4 C.E.....			2	2
2 Feed.....		6		6
3 Feed.....		41		41
Sample.....			1	1
<i>Buckwheat—</i>				
No. 3 C.E.....	1			1
Tough.....	1	1	2	4
Damp.....			1	1
Sample.....		1		1
<i>Corn—</i>				
Extra Dry 1 C.E. Yellow.....			14	14
No. 1 C.E. Yellow.....			49	49
Extra Dry 2 C.E. Yellow.....			19	19
No. 2 C.E. Yellow.....			91	91
Extra Dry 3 C.E. Yellow.....	1		18	19
No. 3 C.E. Yellow.....			122	122
Extra Dry 4 C.E. Yellow.....			5	5
No. 4 C.E. Yellow.....			57	57
Extra Dry 5 C.E. Yellow.....			4	4
No. 5 C.E. Yellow.....			38	38
Extra Dry Sample.....			8	8
Extra Dry 1 C.E. White.....			2	2
No. 1 C.E. White.....			6	6
Extra Dry 2 C.E. White.....			7	7
No. 2 C.E. White.....			16	16
Extra Dry 3 C.E. White.....			5	5
No. 3 C.E. White.....			16	16
No. 4 C.E. White.....			7	7
Extra Dry 5 C.E. White.....			2	2
No. 5 C.E. White.....			2	2
Extra Dry 1 C.E. Mixed.....			1	1
No. 1 C.E. Mixed.....			2	2
Extra Dry 2 C.E. Mixed.....			2	2
No. 2 C.E. Mixed.....			9	9
Extra Dry 3 C.E. Mixed.....			3	3
No. 3 C.E. Mixed.....			10	10
Tough.....			423	423
Damp.....		5	458	463
Moist.....		9	913	922
Wet.....		3	534	537
Sample.....	2		30	32
<i>Peas—</i>				
1 C.E. White.....	3			3
2 C.E. White.....	20	1	1	22
3 C.E. White.....	34		28	62
4 C.E. White.....	6	3	9	18
1 C.W. Small Yellow.....	6			6
2 C.W. Small Yellow.....	2			2
3 C.W. Small Yellow.....	3			3
1 C.W. Large Yellow.....	1			1
2 C.W. Large Yellow.....	3			3
3 C.W. Large Yellow.....	1			1
Tough.....	7	2	4	13
Sample.....	5		1	6

GRADES OF CARLOADS INSPECTED—*Concluded*

	Montreal	Toronto	Chatham	Total
<i>Soybeans—</i>				
No. 1 C. Yellow.....		18	63	81
No. 2 C. Yellow.....		4	76	80
No. 3 C. Yellow.....			27	27
No. 5 C. Yellow.....			1	1
Tough.....		21	93	114
Damp.....		10	59	69
Moist.....		14	24	38
Wet.....		1	2	3
<i>Pea Beans—</i>				
No. 1 C.E.....			454	454
No. 2 C.E.....			168	168
No. 3 C.E.....			31	31
No. 4 C.E.....			14	14
No. 1 C.E. Yelloweye.....			1	1
No. 4 C.E. Yelloweye.....			1	1
Tough.....			74	74
Damp.....			19	19
Sample.....			13	13

APPENDIX No. 6

REPORT OF THE GRAIN WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year, 1946-47.

Weighing Services

As in past years this Branch supplied weighing services to all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators, as required under the Act. Weighing services have been supplied at a number of elevators, operating under Mill Elevator licenses, when required. Weighing services were also supplied on a fee basis at the following points in the Eastern Division: Midland, Port McNicoll, Owen Sound, Goderich, Toronto and Sarnia. Weighing services were also available at Montreal.

Inspection of Scales

In accordance with the Weights and Measures Act and Regulation 1929, Chapter 212, Section 50, the annual inspection of scales in Eastern and Terminal Elevators, licensed by the Board, was carried out and certificates of certification were issued covering the above inspections by the Assistant Chief Grain Weighmaster and myself.

Semi-annual inspections of scales in terminal elevators were made as in the past, and also special inspections were made when necessary and upon request from interested parties.

The scales in the above elevators have been maintained in good condition by qualified scale mechanics.

Maintenance of Equipment

At all elevators licensed by the Board where weighing services have been supplied by this Branch, the equipment used for receiving, shipping and weighing grain has been maintained in good condition under the supervision of officers of this Branch.

Car Shortages

The number of complaints received on the outturns of cars unloaded at terminal elevators during the crop year were very few. All complaints received were thoroughly investigated and adjustments made or recommended where it was proven that mishaps in handling had taken place.

Vessel Shortages

There is enclosed statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur and unloaded at Canadian and American ports. There were 1,256 cargoes loaded during the year.

Reported outturns of some cargoes loaded at the lakehead, on which complaints were received, were thoroughly investigated and in some cases satisfactory settlements were affected, but in other cases investigations proved

that there were no claims against the loading elevators. Any complaints received on shipments made from Atlantic or Pacific Coast Ports were investigated and reports submitted to the Board.

Annual Audits

As required under the Act, the stocks of all grain in store in Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat in Private Terminal Elevators licensed by the Board in the Western Division were weighed over.

In the Eastern Division, elevators licensed as Eastern Elevators were also weighed over. Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustment of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators in accordance with the provisions of Sections 138 and 138A of the Canada Grain Act.

There are attached statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the lakehead to Canadian and American ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1946-47
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian corn	U.S.A. corn	Argentine corn	Miscellaneous
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	lbs.
Vancouver and New Westminster.....	63,157,625-30	7,759,589-24	1,595,824-28	49,798-27	2,117-48	.....	290,252-04	86,016-14	10,498,750
Victoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Rupert.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Churchill.....	3,272,906-00	2,378-25	.....	.....	.....	.....	.....	.....	.....
Calgary.....	658,059-10	162,779-02	1,350,340-10	1,621-54	1,140-10	.....	.....	.....	14,100
Edmonton.....	721,010-00	561,770-00	89,239-38	.....	.....	2,991-54	6,621-04	.....	111,930
Lethbridge.....	1,579-40	.....	.....	.....	.....	.....	.....	.....	.....
Moose Jaw.....	19,718-40	14,934-14	3,739-28	5,658-42	479-46	.....	.....	.....	4,332,190
Saskatoon.....	37,216-00	180,440-20	46,009-28	.....	292,352-33	.....	.....	.....	1,206,880
North Transcona..	368,292-30	387,492-02	916,428-16	1,659-46	1,594-36	.....	.....	.....	12,741,860

SHIPMENTS

Vancouver and New Westminster.....	59,446,802-10	7,809,405-00	758,596-32	9,497-08	481-54	.....	12,857-08	84,739-26	51,782,920
Victoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Rupert.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Churchill.....	2,928,935-40	18,982-16	.....	.....	.....	.....	.....	.....	1,024,781
Calgary.....	645,032-40	350,101-24	1,870,290-20	1,621-54	1,540-17	.....	.....	.....	719,340
Edmonton.....	694,243-30	743,060-00	382,150-40	.....	1,172-38	2,989-54	3,327-32	.....	1,952,300
Lethbridge.....	2,012-00	.....	.....	.....	.....	.....	.....	.....	10,150
Moose Jaw.....	19,546-40	121,255-18	51,919-38	5,656-14	46,674-06	.....	.....	.....	3,959,440
Saskatoon.....	24,096-20	306,619-24	74,635-20	.....	216,224-36	.....	.....	.....	3,380,780
North Transcona..	315,848-50	397,183-03	868,343-26	1,659-46	1,594-36	.....	.....	.....	8,212,940

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1947.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bus.	bus.	bus.	bus.
Wheat.....	194,296,316	964,662	109,384	195,370,362
Oats.....	61,537,025	521,619	.....	62,058,644
Barley.....	37,900,919	116,206	.....	38,017,125
Rye.....	5,649,752	186,265	29,683	5,865,700
Flaxseed.....	4,254,315	6,129	.....	4,260,444
Canadian Corn.....	74,661	35,709	.....	110,370
Mixed Grain.....	53,427,720 lbs.	8,786,920 lbs.	.....	62,214,640 lbs.
Sunflower Seeds.....	.....	.....	.....	.....
All Screenings.....	81,513,729 lbs.	28,103,880 lbs.	.....	109,617,609 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bus.	bus.	bus.	bus.	bus.
Wheat.....	176,020,130	10,144,504	109,575	963,240	187,237,449
Oats.....	49,614,439	14,795,039	.....	522,466	64,931,944
Barley.....	30,962,477	6,499,238	.....	118,017	37,579,732
Rye.....	4,746,542	658,629	29,683	186,636	5,621,490
Flaxseed.....	1,339,984	2,375,632	.....	6,457	3,722,073
Canadian Corn.....	.....	84,352	.....	35,752	120,104
Mixed Grain.....	11,885,680 lbs.	39,153,240 lbs.	.....	8,699,260 lbs.	59,738,180 lbs.
Sunflower Seeds.....	.....	.....	.....	.....	.....
All Screenings.....	252,352,920 lbs.	104,555,230 lbs.	.....	28,272,042 lbs.	385,180,192 lbs.

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR, 1946-1947

Keewatin.....	8,326
Winnipeg.....	16,621
Saskatoon.....	6,887
Moose Jaw.....	6,518
Calgary.....	8,354
Edmonton.....	1,134
Medicine Hat.....	4,955
Lethbridge.....	111
Churchill.....	1,918
Total.....	54,824

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1946-1947

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,779	1,222	296
Elevators, excluding Lakehead.....	4,856	790	347
Total.....	16,635	2,012	643

CANADIAN NATIONAL RAILWAY

Lakehead Elevators.....	12,092	463	114
Elevators, excluding Lakehead.....	4,049	311	99
Total.....	16,141	774	213
Total both Roads.....	32,776	2,786	856

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS
IN WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	4,561	1,281
C.N.R. Yards.....	2,540	636
Total.....	7,101	1,917

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	164,328,847-40	Short 33.36
Oats.....	47,923,326-15	Short 22.64
Barley.....	24,860,265-12	Short 36.54
Rye.....	2,530,242-14	Short 85.24
Flaxseed.....	1,339,983-33	Short 37.28
Mixed Grain.....	8,375,664 lbs.	Short 51 lbs. per ton
Screenings.....	19,439-1350 tons	Short 3.69 lbs. per ton

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS—*Concluded*

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	11,477,913-30	Short 30·84
Oats.....	2,388,008-28	Short 28·89
Barley.....	6,361,608-10	Short 55·61
Rye.....	2,245,983-26	Short 45·35
Flaxseed.....	.....	.....
Screenings.....	97,127-1780 tons	Short ·03 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	175,806,761-10	Short 33·20
Oats.....	50,311,335-09	Short 22·94
Barley.....	31,221,973-22	Short 40·43
Rye.....	4,776,225-40	Short 66·49
Flaxseed.....	1,339,983-33	Short 37·28
Mixed Grain.....	8,375,664 lbs.	Short ·51 lbs. per ton
Screenings.....	116,567-1130 tons	Short ·64 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORSFORT WILLIAM, ONT.,
December 15, 1947The Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1946-47.

ELEVATORS OPERATED

The interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton, and Lethbridge, and the elevator at Prince Rupert, were operated under Public Terminal Elevator licenses.

ELEVATOR LEASED

The terminal elevator at Port Arthur, Ontario, continued to be operated by McCabe Grain Co. Ltd., under lease covering a term of five years from August 1, 1944.

TARIFFS OF CHARGES

The tariff of charges for the handling, storing, cleaning, and drying of grain was the same as that in effect the previous year. Special tariffs of charges for the handling of Soybeans and Rapeseed were approved by the Board.

VOLUME OF GRAIN HANDLED

The amount of grain received into the elevators was less than that received in the previous year, 4,046,733 bushels compared with 4,927,415 bushels but in addition the following items were received: 62,595 bushels of Soybeans, 193,440 pounds of Rapeseed, and 52,460 pounds of Sunflower seed.

The following comparative statement shows the receipts of grain at each elevator during the last two crop years:

Elevator	1945-46	1946-47	Decrease	Increase
	bus.	bus.	bus.	bus.
Moose Jaw.....	459,606	50,864	408,742	.....
Saskatoon.....	494,273	494,987	.....	714
Calgary.....	2,172,577	2,150,596	21,981	.....
Edmonton.....	1,775,125	1,348,748	426,377	.....
Lethbridge.....	5,853	1,537	4,316	.....
Prince Rupert.....	19,981	Nil	19,981	.....
	4,927,415	4,046,732	880,683	Net

Grain shipped from the elevators during the year amounted to 5,564,817 bushels, a decrease of 8,121,135 bushels from the figure for the previous year. The continued demand for delivery of grain overseas had the effect of reducing stocks in store at the end of the year to 461,535 bushels, approximately 1½ million bushels below the figure at the beginning of the year.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

Following established practice, all buildings, equipment, and trackage have been maintained as far as possible in good condition, but slow delivery of some items, particularly electrical equipment is still causing some inconvenience.

Major repairs and replacements include the following items:

BUILDINGS

Port Arthur—In compliance with Provincial Government regulations, three emergency exits are being provided, this work being about 80% completed. Extensive repairs were made to windows in the elevator and drier buildings. One steel roller door on the track shed was replaced.

Moose Jaw, Saskatoon, and Calgary—

The entire concrete structures, work houses, and storage annexes, were repaired where necessary and painted with waterproofing compound.

Calgary —Repairs to roofs of track shed, substation, and drier building.

EQUIPMENT

Port Arthur—One conveyor belt and one leg belt replaced. Repairs to fixed spouting.

Saskatoon —250 elevator buckets.

Calgary —New hammermill was installed replacing obsolete equipment that had been in use for thirty years.

Lethbridge —A portable air compressor was purchased.

Work on the installation of dust control equipment in the Port Arthur elevator is proceeding as quickly as material becomes available and is now about 75% completed.

A contract was entered into for the installation of a complete dust control system in the work house, track shed, and storage annex basement of the Edmonton elevator. This work is proceeding and is about 75% completed.

TRACKAGE

Port Arthur —Worn out frog, rails, and deck planking replaced and tracks levelled. Forty-five track ties installed.

Moose Jaw — 600 Treated Track Ties.
1,200 Tie Plates.

Saskatoon —1,000 Treated Track Ties.
84 Treated Switch Ties.
2,000 Tie Plates.

Calgary — 500 Treated Track Ties.
100 Untreated Track Ties.

Edmonton —2000 Tie Plates.
105 Treated Track Ties.

Lethbridge —1,000 Tie Plates.

Prince Rupert— 450 Track Ties.

STAFF

Staffs at all points have been maintained at the minimum of requirements. One permanent and four temporary employees resigned; two permanent and one temporary were retired on account of age and two permanents on account of ill health.

Six temporary appointments were made to fill vacant positions, two employees were promoted from casual to temporary status and two temporary positions are still to be filled.

Two temporary employees were granted permanent status.

FINANCIAL RESULTS OF OPERATIONS

Earnings from all sources for the fiscal year ended March 31, 1947, amounted to \$254,804.72, a decrease of \$499,054.73 from the previous year. The largest decrease was in earnings from Storage, \$428,951.07, due to the accelerated movement of grain which reduced stocks in store by approximately one and a half million bushels. Other large reductions were in rental of Port Arthur Elevator, \$40,903.19, due to decrease of more than eight million bushels in the volume of grain received, and of \$43,185.53 in revenue from sale of screenings due to smaller handling of grain to be cleaned. Earnings from drying showed an increase of \$17,299.90 over the previous year.

Expenditures during the fiscal year, \$372,770.92 were \$1,165.30 lower than the previous year.

The net result showed a deficit of \$117,966.20 compared with a surplus of \$379,923.23 in the previous year.

Following the procedure of former years, no provision is made in the financial statements for depreciation of plants and equipment, but, as stated above, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,

General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 23, 1947

Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1947.

Hard red spring wheat of the 1947 crop was very low in bushel weight but higher than average in protein content and baking strength. The 1947 crop of amber durum wheat was lower in bushel weight, slightly lower in protein content, distinctly higher in pigment content, and slightly superior in macaroni-making quality, grade for grade, than the 1946 crop. A high percentage of the 1947 crop graded 3 C.W. and lower because Pelissier, a variety recently excluded from the two top grades, is still widely grown in Saskatchewan. The 1947 barley crop was slightly higher in nitrogen content, and slightly lower in malt extract and wort nitrogen than that of 1946. Only 13 per cent of the barley shipped during the early part of the crop year entered the malting grades. Malting quality decreased with grade, but a considerable portion of No. 1 Feed could be cleaned for malting purposes. The 1947 flax crop was about 1 per cent lower in oil content, slightly inferior in drying quality of oil, and higher in protein content of the oil-free meal, than the 1946 crop.

Preliminary information on the quality of Western Canadian grain crops was presented to the Western Committee on Grain Standards. Representative composite samples of Grades 1 and 2 Northern were obtained, and although the 3 Northern composite represented a reasonably good coverage of the Prairie Provinces, too few individual samples of this grade and of lower grades were obtained from areas where threshing was still in progress. The Laboratory gave the usual assistance to the Chief Inspector and his staff in preparing tentative standard samples and tentative export standard samples of hard red spring and durum wheats. Studies of the quality of type samples of the current wheat crop were undertaken for the Inspection Branch early in the crop year. Only a few samples of dried wheat have been submitted for testing, but it is believed that considerable quantities of dried wheat will require testing within the next few months. Supervision of moisture testing in the western and eastern offices of the Inspection Branch was continued.

During 1947, studies of the quality of bread wheat, macaroni wheat and malting barley, produced by plant breeders in 1946, were continued by the Laboratory, and the data obtained were presented and discussed at the spring meeting of the Associate Committee on Grain Research. At that meeting, one new wheat, Saunders, was recommended for licensing and for distribution in restricted areas. Saunders matures one to two days earlier than Thatcher, about the same time as Garnet, and about five days earlier than Marquis. The variety is resistant to stem rust, moderately susceptible to leaf rust, and definitely superior in both characteristics to Red Bobs and Thatcher. In milling and baking quality, Saunders is equal to Marquis. Saunders has shown to best advantage in northern Alberta and gives fairly good results in northern Saskatchewan. It is recommended for growing in parts of Alberta where Red Bobs is now favoured, and in these areas it is expected that it will largely displace Red

Bobs and to some extent Garnet and Thatcher also. Studies of new varieties produced in 1947 are in progress and include a large collaborative investigation in which British, United States, and Canadian chemists are participating.

Good progress has been made in expanding the professional staff of the Laboratory which was depleted during the war. Dr. I. Hlynka, formerly with the Division of Chemistry, Department of Agriculture, Ottawa, was appointed to the Board's staff in June, and has taken charge of bread wheat research. Four other members of the professional staff have received leave of absence for additional post-graduate study; two should obtain the degree of Ph.D. next year, but the others will require one or two additional years. This program of in-service training involved leave equivalent to 21 man-months during the current year. Research was thus hampered, but the future advantages of well trained staff will soon overcome the present setback. A competition was held for two additional junior positions for graduate chemists, but no suitable candidates were found. All 26 subprofessional positions on the staff have now been filled. Eight chemists, and the two vacancies for chemists, account for the remainder of the 36 positions now established.

Expansion of the staff made it necessary to obtain additional space. None was available on the eighth floor of the Grain Exchange Building adjoining the main laboratories, but a large office on the second floor was taken over on January 1, 1947. Administrative staff, secretarial staff, and the library, were moved to the new room about the end of January. Changing certain partitions, and redesigning the benching and services in some rooms made it possible to accommodate the growing staff by making more efficient use of the available space in the main laboratories. It was possible to maintain all the essential work of the Laboratory while these changes were being made, but certain investigations were delayed.

In the bread wheat section, studies of measurements of the physical properties of dough have been continued, analytical studies seeking fundamental explanations of the differences in quality between Thatcher and Rescue wheats have been started, and a comparative study of electrical meters for determining moisture content is also in progress. The durum laboratory is engaged principally in studies of the kinetics of the reactions responsible for the disappearance of pigment from semolina during processing of macaroni. This study also relates to fundamental differences between varieties. In both the malting and analytical sections, studies of the nitrogen fractions of grains are being continued.

During the year the Laboratory sent to the Board 42 reports of which 14 were published. The published reports included the Annual Report for 1946, and four crop bulletins and six press releases giving information on the quality of 1947 crops of bread wheat, durum wheat, barley, and flax. The preliminary protein map for hard red spring wheat was distributed on September 17, and the final map on November 12. Three papers were also published in various scientific journals.

A detailed report of the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports of Laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1947

(a) WINNIPEG—

Revenue—

License Fees.....		29,635 00
Registration.....	10,459 09	
Cancellation Fees.....	11,576 34	
		22,035 43

Inspection Fees.....	173,227 23	
Overtime.....	783 00	
Samples Sold.....	9,495 80	
Cargo Certificate Splits.....	153 90	
Refund Express.....	1,502 00	
Sampling Fees.....	864 80	
		186,026 73
Appeal Fees.....		906 00

Weighing Fees.....	22,673 67	
Overtime.....	1,049 10	
Condition Reports.....	171 50	
		23,894 27

Executive Offices—Fines.....	130 00	
Executive Offices—Previous Year's Expenses.....	4 87	
		134 87

Grain Research Laboratory—Previous Year's Expenses.....		26 14
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262,658 44

*Expenditure—**Board and Executive Offices—**Salaries—*

Commission and Secretary.....	36,935 00
Secretary's Office.....	12,420 76
Licence and Bonding.....	14,913 67

Rents—

Executive Office.....	3,234 30
Licence and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	2,184 10
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General Expenses—

Grain Commission.....	3,387 48
Licence and Bonding.....	765 81

Printing and Stationery—

Grain Commission.....	1,704 70
Licence and Bonding.....	279 37

76,879 63

Assistant Commissioner's Office—

Salaries.....	8,912 67
Rent.....	543 12
Travelling Expenses.....	592 39
General Expenses.....	153 27
Printing and Stationery.....	1 48

10,202 93

Grain Research Laboratory—

Salaries.....	51,772 80
Rent.....	8,611 20
Travelling Expenses.....	1,222 33
General Expenses.....	20,917 29
Printing and Stationery.....	2,565 48

85,089 10

Registration—

Salaries.....	13,971 55
Rent.....	1,381 44
Travelling Expenses.....	130 55
General Expenses.....	335 34
Printing and Stationery.....	4 39

15,823 27

Accounts—

Salaries.....	9,137 61
Printing and Stationery.....	705 69
General Expenses.....	192 77

10,036 07

GRAIN COMMISSION

65

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—Continued

(a) WINNIPEG—Concluded—

Expenditure—Concluded

Inspection—

Salaries.....	345,151 24	
Rent.....	15,848 60	
Travelling Expenses.....	1,889 90	
General Expenses.....	15,457 79	
Printing and Stationery.....	3,751 26	
		382,098 79

Weighing—

Salaries.....	35,927 32	
Rent.....	1,282 92	
General Expenses.....	433 08	
		37,643 32

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	369 12	
General Expenses.....	724 26	
		5,473 38

Grain Standards Committee—

Travel.....	1,460 37	
General Expenses.....	1,400 00	
		2,860 37

626,106 86

(b) CHURCHILL—

Revenue—

Inspection Fees.....	3,608 88	
Overtime.....	348 10	
		3,956 98

Weighing Fees.....	3,608 88	
Overtime.....	293 10	
		3,901 98

7,858 96

Expenditure—

Inspection—

Salaries.....	2,373 40	
Travelling Expenses.....	540 90	
General Expenses.....	0 82	
		2,915 12

Weighing—

Salaries.....	1,489 19	
Travelling Expenses.....	540 30	
		2,029 49

4,944 61

(c) KEEWATIN—

Revenue—

Inspection—

Overtime.....		155 00
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Weighing—

Weighing Fees.....	8,174 00	
Overtime.....	201 50	
		8,375 50

8,530 50

Expenditure—

Salaries—Inspection.....		2,980 52
Salaries—Weighing.....	5,481 98	
General Expenses—Weighing.....	68 00	
		5,549 98

8,530 50

(d) SASKATOON—

Revenue—

Inspection Fees.....	6,468 59	
Overtime.....	63 00	
Samples Sold.....	453 71	
		6,985 30

Weighing Fees.....	6,745 11	
Overtime.....	139 90	
		6,885 01

13,870 31

Expenditure—

Assistant Commissioner's Office—

Salaries.....	9,408 79	
Travelling Expenses.....	701 74	
General Expenses.....	89 45	
Printing and Stationery.....	8 27	
		10,208 25

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—Continued

(d) SASKATOON—Concluded—

Expenditure—Concluded

Inspection—

Salaries.....	15,855 93	
Rent.....	877 00	
General Expenses.....	505 66	
Printing and Stationery.....	269 95	
		17,508 54

Weighing—

Salaries.....	11,713 20	
General Expenses.....	12 10	
		11,725 30

39,442 09

(e) MOOSE JAW—

Revenue—

Inspection Fees.....	7,704 04	
Overtime.....	228 00	
Samples Sold.....	417 44	
Sampling Fees.....	501 00	
		8,850 48

Weighing Fees.....	7,344 04	
Overtime.....	363 70	
		7,709 74

16,560 22

Expenditure—

Inspection—

Salaries.....	14,902 30	
Rent.....	900 00	
General Expenses.....	780 80	
Printing and Stationery.....	253 17	
		16,836 27

Weighing—

Salaries.....	9,937 47	
Travelling Expenses.....	203 90	
General Expenses.....	12 00	
		10,153 37

26,989 64

(f) MEDICINE HAT—

Revenue—

Inspection Fees.....	4,021 00	
Samples Sold.....	412 63	
		4,433 63
Weighing Fees.....	4,835 00	
Overtime.....	44 20	
		4,879 20

9,312 83

Expenditure—

Inspection—

Salaries.....	3,992 14	
Rent.....	240 00	
Printing and Stationery.....	20 86	
General Expenses.....	178 33	
		4,431 33

Weighing—

Salaries.....	4,879 20	
General Expenses.....	2 00	
		4,881 20

9,312 53

(g) LETHBRIDGE—

Revenue—

Inspection Fees.....	197 75	
Samples Sold.....	24 65	
		222 40
Weighing Fees.....		241 75

464 15

Expenditure—

Inspection—

Salaries.....	2,603 32	
Travelling Expenses.....	476 89	
General Expenses.....	42 51	
		3,122 72

Weighing—

Salaries.....	2,640 24	
Travelling Expenses.....	164 02	
General Expenses.....	10 50	
		2,814 76

5,937 48

GRAIN COMMISSION

67

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—Continued

(h) CALGARY—

Revenue—

Inspection Fees.....	31,148 48	
Overtime.....	16 00	
Samples Sold.....	1,496 19	
Express Charges.....	237 50	
Sundries.....	4 00	
		32,902 17

Weighing Fees.....	12,439 57	
Overtime.....	576 20	
		13,015 77

Appeal Fees.....	1,329 00	
		47,246 94

Expenditure—

Assistant Commissioner's Office—

Salaries.....	6,898 56	
Rent.....	828 00	
Travelling Expenses.....	279 04	
Printing and Stationery.....	3 50	
General Expenses.....	230 09	
		8,239 19

Inspection—

Salaries.....	49,755 14	
Rent.....	3,001 00	
Travelling Expenses.....	620 76	
Printing and Stationery.....	506 49	
General Expenses.....	2,780 41	
		56,663 80

Weighing—

Salaries.....	21,198 79	
Rent.....	314 04	
General Expenses.....	243 20	
		21,756 03

Grain Appeal Tribunal—

Salaries.....	3,999 96	
Rent.....	420 00	
General Expenses.....	998 74	
Printing and Stationery.....	5 37	
		5,424 07

92,083 09

(i) PRINCE RUPERT—

Expenditure—

Weighing—

Salaries.....	358 31	
		358 31

(j) EDMONTON—

Revenue—

Inspection Fees.....	22,256 01	
Samples Sold.....	874 11	
Express Charges.....	233 50	
		23,363 62

Weighing Fees.....	5,576 93	
Overtime.....	37 70	
		5,614 63

Appeal Fees.....	612 00	
		29,590 25

Expenditure—

Inspection—

Salaries.....	47,006 58	
Rent.....	3,834 00	
Travelling Expenses.....	188 11	
General Expenses.....	2,312 90	
Printing and Stationery.....	478 89	
		53,820 48

Weighing—

Salaries.....	11,236 00	
General Expenses.....	261 18	
		11,497 18

Grain Appeal Tribunal—

Salaries.....	4,497 21	
Rent.....	510 00	
General Expenses.....	483 52	
		5,490 73

70,808 39

(k) VANCOUVER—

Revenue—

Inspection Fees.....	65,459 37	
Overtime.....	1,845 90	
Samples Sold.....	4,356 34	
		71,661 61
Weighing Fees.....	101,470 46	
Overtime.....	1,502 40	
Refund of Previous Year's Expenditure.....	1 25	
		102,974 11
Registration Fees.....	2,399 40	
Cancellation Fees.....	2,475 64	
		4,875 04

179,510 76

*Expenditure—**Inspection—*

Salaries.....	87,670 20	
Rent.....	4,239 00	
General Expenses.....	2,238 52	
Printing and Stationery.....	862 84	
		95,010 56

Weighing—

Salaries.....	77,306 91	
Rent.....	1,659 00	
General Expenses.....	1,134 61	
Printing and Stationery.....	9 04	
		80,109 56

Registration—

Salaries.....	5,501 50	
Rent.....	1,092 00	
General Expenses.....	164 42	
Printing and Stationery.....	15 05	
		6,772 97

181,893 09

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	271,565 90	
Overtime.....	4,407 40	
Cargo Certificate Splits.....	0 60	
Samples Sold.....	11,359 75	
Sundries.....	125 95	
		287,459 60

Weighing Fees.....	418,262 96	
Overtime.....	3,528 90	
Refund of Previous Year's Expenditures.....	5 60	
		421,797 46
Statistical—Previous Year's Expenditures.....		52 95

709,310 01

*Expenditure—**Inspection—*

Salaries.....	396,270 04	
Rent.....	12,536 88	
Travelling Expenses.....	2,577 01	
General Expenses.....	10,893 40	
Printing and Stationery.....	3,522 72	
		425,800 05

Weighing—

Salaries.....	285,567 26	
Rent.....	2,851 68	
Travelling Expenses.....	9,108 53	
General Expenses.....	3,132 35	
Printing and Stationery.....	2,540 68	
		303,200 50

Assistant Commissioner's Office—

Salaries.....	9,088 75	
Rent.....	540 00	
General Expenses.....	200 21	
		9,828 96

Statistical Branch—

Salaries.....	46,769 99	
Rent.....	3,705 00	
Travelling Expenses.....	944 04	
General Expenses.....	3,293 13	
Printing and Stationery.....	2,049 72	
		56,761 88

795,591 39

GRAIN COMMISSION

69

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—*Concluded**(m) TORONTO—**Revenue—*

Inspection Fees.....	784 88	
Overtime.....	11 00	
Samples Sold.....	15 61	
Sampling Fees.....	22 00	
		833 49

833 49

*Expenditure—**Inspection—*

Salaries.....	5,309 79	
Rent.....	540 00	
General Expenses.....	292 63	
Printing and Stationery.....	6 53	
		6,148 95

6,148 95

*(n) MONTREAL—**Revenue—*

Inspection Fees.....	490 52	
Overtime.....	44 00	
Cargo Certificate Splits.....	470 70	
Samples Sold.....	172 75	
Sampling Fees.....	784 60	
		1,962 57

1,962 57

Weighing—Previous Year's Expenditures..... 33 20

Registration Fees.....	3,295 81	
Cancellation Fees.....	3,418 58	
		6,714 39

8,710 16

*Expenditure—**Inspection—*

Salaries.....	41,266 16	
Rent.....	1,940 04	
Travelling Expenses.....	3,675 92	
General Expenses.....	777 78	
Printing and Stationery.....	264 88	
		47,924 78

47,924 78

Weighing—

Salaries.....	2,264 79	
Rent.....	435 00	
Travelling Expenses.....	450 07	
General Expenses.....	144 90	
Printing and Stationery.....	11 31	
		3,306 07

3,306 07

Registration Branch—

Salaries.....	5,724 70	
Rent.....	465 00	
Travelling Expenses.....	1,254 74	
General Expenses.....	264 63	
Printing and Stationery.....	80 05	
		7,789 12

7,789 12

59,019 97

*(o) CHATHAM—**Revenue—*

Inspection Fees.....	4,055 53	
Overtime.....	25 00	
Samples Sold.....	435 80	
Sampling Fees.....	8,523 90	
		13,040 23

13,040 23

13,040 23

*Expenditure—**Inspection—*

Salaries.....	14,484 41	
Rent.....	420 00	
Travelling Expenses.....	7,674 29	
Printing and Stationery.....	76 26	
General Expenses.....	731 21	
		23,386 17

23,386 17

23,386 17

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES
REVENUE

Points	Inspection		Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Winnipeg.....	186,026	73	23,894	27	906	00	22,035	43	29,769	87					26	14			292,658	44
Churchill.....	3,956	98	3,901	98															7,858	96
Keewatin.....	155	00	8,375	50															8,530	50
Saskatoon.....	6,985	30	6,885	01															13,870	31
Moose Jaw.....	8,850	48	7,709	74															16,560	22
Medicine Hat.....	4,433	63	4,879	20															9,312	83
Lethbridge.....	222	40	241	75															464	15
Calgary.....	32,902	17	13,015	77	1,329	00													47,246	94
Edmonton.....	23,363	62	5,614	63	612	00													29,590	25
Vancouver.....	71,661	61	102,974	11			4,875	04											179,510	76
Fort William.....	287,459	60	421,797	46							52	95							709,310	01
Toronto.....	833	49																	833	49
Montreal.....	1,962	57	33	20			6,714	39											8,710	16
Chatham.....	13,040	23																	13,040	23
	641,853	81	599,322	62	2,847	00	33,624	86	29,769	87	52	95			26	14			1,307,497	25

GRAIN COMMISSION

71

EXPENDITURE

Winnipeg.....	382,098 79	37,643 32	5,473 38	15,823 27	87,082 56	10,036 07	85,089 10	2,860 37	626,106 86
Churchill.....	2,915 12	2,029 49							4,944 61
Keewatin.....	2,980 52	5,549 98							8,530 50
Saskatoon.....	17,508 54	11,725 30			10,208 25				39,442 09
Moose Jaw.....	16,836 27	10,153 37							26,989 64
Medicine Hat.....	4,431 33	4,881 20							9,312 53
Lethbridge.....	3,122 72	2,814 76							5,937 48
Calgary.....	56,663 80	21,756 03	5,424 07		8,239 19				92,083 09
Prince Rupert.....		358 31							358 31
Edmonton.....	53,820 48	11,497 18	5,490 73						70,808 39
Vancouver.....	95,010 56	80,109 56		6,772 97					181,893 09
Fort William.....	425,800 05	303,200 50			9,828 96	56,761 88			795,591 39
Toronto.....	6,148 95								6,148 95
Montreal.....	47,924 78	3,306 07		7,789 12					59,019 97
Chatham.....	23,386 17								23,386 17
	1,138,648 08	495,025 07	16,388 18	30,385 36	115,358 96	56,761 88	10,036 07	85,089 10	1,950,553 07

Total Revenue.....\$ 1,307,497 25

Total Expenditure.....1,950,553 07

Net Deficit.....\$ 643,055 82

APPENDIX No. 10

REGULATIONS OF THE BOARD

All regulations of the Board were revised and consolidated on October 31, 1947. The regulations in effect at December 31, 1947 are as follows:

- No. 1—Registration and Cancellation of Terminal Elevator Warehouse Receipts.
- 2—Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
- 3—Construction of Elevators.
- 4—Cleaning Grain and Bins, Terminal Elevators.
- 5—Off Grades for Western Grain.
- 6—Off Grades for Eastern Grain.
- 7—Grades of Screenings.
- 8—Inspection of Samples taken other than at an Inspection Point.
- 9—Appeals from Inspection Officers to Grain Appeal Tribunals.
- 10—Delivery of Grain to Ocean Vessels at Montreal.
- 11—Delivery of Grain to Ocean Vessels at West Saint John.
- 12—Delivery of Grain to Ocean Vessels at East Saint John.
- 13—Delivery of Grain to Ocean Vessels at Halifax.
- 14—Enforcement of Lien by Sale of Grain.
- 15—Drying of Grain.
- 16—Fees.
- 17—Records, Reports and Returns.
- 18—Procedure, Country Elevators.
- 19—Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
- 20—Maximum Tariff of Charges, Eastern Elevators.
- 21—Maximum Tariff of Charges, Country Elevators.
- 22—Maximum Tariff of Charges, Terminal Elevators.

DA 12

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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister

RT. HON. C. D. HOWE, M.P.

Deputy Minister

M. W. MACKENZIE

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR

1948



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., LL.B.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1949

Price 25 cents

241 VA 12
156

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
RT. HON. C. D. HOWE, M.P.

Deputy Minister
M. W. MACKENZIE

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TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Complaints from United Kingdom.....	6
Grading of Red Bobs.....	6
Regulations of the Board.....	6
Storage of Grain—Country Elevators.....	6
Overages—Country Elevators.....	7
Elevator Charges.....	7
Lake Freight Rates.....	9
Audit of Stocks—Terminal Elevators and Eastern Elevators.....	10
Assistant Commissioners.....	10
Canadian Government Elevators.....	10
Committees on Grain Standards.....	10
Wheat Bonus.....	11
The Prairie Farm Assistance Act.....	11
Personnel.....	11
Expenditure and Revenue.....	12
APPENDICES:	
No. 1—Report of Secretary.....	13
(a) Complaints.....	13
(b) Prosecutions.....	14
(c) Defaults.....	14
(d) Cars out of turn.....	14
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	14
(f) Report of Licensing Officer.....	14
(g) Summary of Licences.....	18
(h) Grain-loading Platforms.....	19
(i) Prairie Farm Assistance Act—One Per Cent Levy.....	19
(j) Statistics.....	19
No. 2—Personnel—Committees on Grain Standards.....	41
3—Personnel—Grain Appeal Tribunals.....	42
4—Report of Registrar of Warehouse Receipts.....	43
5—Report of Chief Grain Inspector.....	45
6—Report of Chief Grain Weighmaster.....	55
7—Report of General Manager, Canadian Government Elevators.....	60
8—Report of Chief Chemist.....	63
9—Report of Revenue and Expenditure.....	65
10—Regulations of the Board.....	75

REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 24th, 1949

Honourable C. D. HOWE, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1948, in compliance with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

With large areas suffering from flood conditions in the Spring and a long dry spell in June and July, prospects for the 1948 crop were not promising but good rains in late July and August improved conditions materially and production in all grains showed substantial increases over 1947. Slightly less acreage was seeded to wheat but barley showed a reduction of nearly one million acres. These reductions were offset by a slight increase in oats and substantial increases in the acreages sown to rye and flaxseed, resulting in production increases of 92 per cent and 43 per cent respectively. Excellent weather conditions during the harvesting season gave very much higher quality in all grains than the previous year.

	1947		1948	
	Acres	Production (Million)	Acres	Production (Million)
Wheat.....	24,260,400	336.8	24,105,900	393.3
Oats.....	11,048,500	278.7	11,200,500	357.7
Barley.....	7,465,000	141.4	6,495,300	154.6
Rye.....	1,156,400	13.2	2,103,100	25.4
Flaxseed.....	1,571,300	12.2	1,934,500	17.4

At July 31, 1948 the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to 161,258,034 bushels as compared with 187,727,104 bushels the year before.

Lakehead shipments by vessel during the 1948 season of navigation amounted to 219.8 million bushels for the five principal grains, a decrease of 36.6 millions from the 1947 season. At December 31, 1948 33.8 million bushels of grain was in store at the Lakehead as compared with 24.6 millions the previous year.

Pacific Coast overseas shipments for the crop year ended 31st July, 1948 were 36.4 million bushels compared with 62.2 millions in the previous crop year. During the first five months of the current crop year shipments were 11.2 million bushels compared with 8.4 millions in the same period last year. Stocks at December 31, 1948 were 6,874,489 bushels, all grains.

Churchill shipments during the 1948 shipping season totalled 5,314,342 bushels of wheat, an increase of 338,589 bushels over the seasonal record established in 1947. At December 31, 1948 only 100,431 bushels remained in store at this port.

COMPLAINTS FROM UNITED KINGDOM

As a result of representations from the Imported Cereals Division of the United Kingdom Ministry of Food regarding variation in the quality of shipments of Canadian wheat of the 1947 crop, the Chief Commissioner and the Secretary proceeded to the United Kingdom in May, 1948.

In a period of three weeks meetings were held with officials of the Imported Cereals Division and handlers and millers of Canadian wheat, in London, Bristol, Hull, Liverpool, Glasgow, Leith and Edinburgh.

The complaints made by the United Kingdom officials were made in good faith but were traceable largely to lack of information regarding the quality and quantity of Canadian crops in different years.

Arrangements have now been made to keep the United Kingdom officials and handlers regularly supplied with information regarding Canadian crops. It is considered that regular direct personal contact of the Board with our customers in the United Kingdom is highly desirable.

GRADING OF RED BOBS WHEAT

The Associate Committee on Grain Research, on whose advice the Board acts in ruling whether a variety is "equal to Marquis", advised the Board in March, 1948, as follows:

"On the basis of all available data Red Bobs can no longer be considered as fully equal in quality to Marquis".

In Schedule 1 to The Canadian Grain Act the specifications for the grades of No. 1 Manitoba Hard, No. 1 Manitoba Northern and No. 2 Manitoba Northern provide that in standard of quality varieties of Red Spring Wheat shall be equal to Marquis.

The problem of degrading Red Bobs was discussed by the Board with the Dominion Cerealists, the Provincial Departments of Agriculture and Farmer Organizations. Public meetings were also held in Edmonton and Calgary, Alberta being the only Province where Red Bobs is grown to any extent.

On December 2, 1948, the Board issued notice that on and after August 1, 1951 Red Spring Wheat of the Red Bobs variety will not be graded higher than No. 3 Manitoba Northern.

REGULATIONS OF THE BOARD

Effective August 1, 1948 new Regulations Nos. 20, 21 and 22, Maximum Tariffs of Charges—Eastern, Country and Terminal Elevators, were made by the Board to replace regulations bearing the same numbers made by the Board on October 31, 1947.

List of the regulations now in effect is attached as an Appendix to this report.

STORAGE OF GRAIN—COUNTRY ELEVATORS

With an unusual spell of continued good weather throughout the three Prairie provinces during the harvesting season, country elevator space was at a premium early in the season. With the limited number of railway cars available it was not possible to keep sufficient space in the elevators to permit producers to deliver all their grain as it was threshed. Representations were made to the Board that authority be granted for licensees to store grain in special annexes which were not elevator premises within the meaning of The

Canada Grain Act. While special authority was granted to cover this practice during the War under the War Measures Act, the Board now has no power to authorize the use of any such premises.

Some licensees of country elevators discharged grain from their elevators on the ground adjacent to the elevators and, in one case, onto the ground some distance from the elevator. Licensees were informed that this was a breach of the provisions of Section 103 of The Canada Grain Act. Proceedings in the civil courts have been instituted against one licensee who continued to discharge grain from a country elevator in this manner after this warning.

OVERAGES—COUNTRY ELEVATORS

Due to the fact that during the crop year 1946-47 excessive overages had been accumulated at 682 country elevators out of a total of 5,372 elevators operated, and that 3,724 elevators had accumulated overages up to one half of one per cent of the total grain handled, the Board reduced the allowance for visible loss and shrinkage at country elevators, effective August 1, 1948, by one half on all straight grade grain except flax, and by one quarter on all tough grain except flax. The allowance on damp, grain, except flax, was not changed but the allowance on all flax was doubled.

ELEVATOR CHARGES

At the annual public meetings held by the Board in June and July, 1948 to hear representations regarding the maximum tariff of charges to be fixed by the Board for the crop year commencing August 1, 1948, submissions were made by all the grain-handling interests for further increases in the charges for handling and storing grain at the different classes of elevators. These applications were based on continued increased costs of operation.

After considering the various submissions, as well as further information submitted by the different interests at the request of the Board, the maximum tariff of charges at the different classes of elevators for the crop year commencing August 1, 1948 were increased by the Board as follows:

EASTERN ELEVATORS

GEORGIAN BAY AND LOWER LAKE PORTS—

Elevation Charges:

- | | |
|----------------------------------|------------------------------|
| (a) Receiving from vessels, etc. | |
| Grain for domestic use | from 1c. to 1½c. per bushel |
| Grain for export use | from ¾c. to 1c. per bushel |
| (b) Receiving from cars, etc. | from 1½c. to 1¾c. per bushel |
| (c) Receiving from wagons, etc. | from 1¾c. to 2c. per bushel |

Storage Charges:

On all grain unloaded each year between January 1 and March 31, free storage period reduced from thirty (30) to fifteen (15) days.

UPPER ST. LAWRENCE GROUP

Elevation Charges:

- | | |
|---|--|
| (a) Receiving from double-deck vessels, | from \$5.50 to \$6.75 per 1,000 bushels. |
| (b) Receiving from cars, etc. | from 1c. to 1¼c. per bushel |
| (c) Discharging to vessels, etc. | from \$3.00 to \$3.75 per 1,000 bushels. |
| (d) Discharging to cars, etc. | from 1c. to 1¼c. per bushel |

Storage Charges:

On all grain unloaded each year between January 1 and March 31, free storage period reduced from thirty (30) to fifteen (15) days.

LOWER ST. LAWRENCE GROUP—

Elevation Charges:

(a) Receiving from canal or lake vessels (single-deck vessels)	from \$7.00 to \$7.75 per 1,000 bushels
Receiving from canal or lake vessels (double-deck vessels)	from \$8.25 to \$8.75 per 1,000 bushels
(b) Receiving from ocean vessels	from \$8.50 to \$9.50 per 1,000 bushels
(c) Receiving from railway cars	from \$7.00 to \$7.50 per 1,000 bushels
(d) Discharging to vessels, railway cars, etc.	from \$5.00 to \$5.75 per 1,000 bushels

Storage Charges:

Maximum charge after December 1 until May 1 in following year	from 2½c. to 3c. per bushel
--	-----------------------------

ATLANTIC PORTS

<i>Elevation Charges:</i>	from 1c. to 1.325c. per bushel.
---------------------------	---------------------------------

Storage Charges:

On export grain held in storage after May 1, total subsequent storage charges up to and including Nov. 30 in same year	from 1½c. to 3c. per bushel
---	-----------------------------

COUNTRY ELEVATORS

Elevation Charges:

Wheat, Barley, Rye and Corn	from 1¾c. to 2½c. per bushel
Oats	from 1¾c. to 1¾c. per bushel
Flax	from 3½c. to 4½c. per bushel

Storage Charges:

All grain except Sunflower Seed	from 1/30th to 1/25th of 1c. per bushel
---------------------------------	---

Allowance for Invisible Loss and Shrinkage

The allowance for invisible loss and shrinkage on all grain delivered to country elevators was changed from ½ of 1 per cent on straight grade grain and 1 per cent on tough and damp grain to—

(a) On all straight grade grain except Flax	¼ of 1%
(b) On all tough grain except Flax	¾ of 1%
(c) On all damp grain except Flax	1%
(d) On straight grade Flax	1%
(e) On tough and damp Flax	2%

TERMINAL ELEVATORS

PORT ARTHUR/FORT WILLIAM, WINNIPEG AND WEST OF CALGARY—

Elevation Charges:

Wheat, Oats, Barley and Corn	from 1½c. to 1¾c. per bushel
Rye	from 1¾c. to 2¼c. per bushel
Flax	from 2½c. to 3¼c. per bushel
Mixed Grain	from 2c. to 3¼c. per 100 lbs.
Screenings	from 3½c. to 4½c. per 100 lbs.
Additional charge for loading grain into railway cars	from ¼c. to ½c. per bushel

Storage Charges:

Wheat, Oats, Barley, Rye, Flax and Corn	from 1/30th to 1/25th of 1c. per bushel
---	---

GOVERNMENT INTERIOR TERMINAL ELEVATORS

Elevation Charges:

Wheat, Oats, Barley, Rye and Corn	from ½c. to 1c. per bushel
Flax	from 1c. to 2c. per bushel

Storage Charges:

Wheat, Oats, Barley, Rye, Corn and Flax	from 1/60th to 1/30th of 1c. per bushel
Mixed Grain	from 1/30th to 2/30th of 1c. per 100 pounds

CHURCHILL

Elevation Charges:

Wheat, Oats and Barley	from 1½c. to 1¾c. per bushel
Rye	from 1½c. to 2¼c. per bushel
Flax	from 2c. to 3¼c. per bushel
Mixed Grain	from 2c. to 3¼c. per 100 lbs.
Screenings	from 3c. to 4½c. per 100 lbs.

GENERAL

Cleaning Charges:

Flax containing from 5½ p.c. to 10 p.c. dockage	from 1½c. to 2c. per bushel
Flax containing more than 10 p.c. dockage	from 2c. to 2½c. per bushel

Allowance for Invisible Loss and Shrinkage:

Flax	from 80 lbs. to 120 lbs. per car
------	----------------------------------

LAKE FREIGHT RATES

Before the opening of the 1948 season of navigation the various shipping interests made application to the Board for a revision in the maximum rates for carrying grain by lake and river navigation from Fort William and Port Arthur.

After discussions with the various interests concerned the Board, on April 24, 1948, issued Order No. 16 rescinding the maximum rates in effect and authorizing increased rates as follows:

	Wheat and Rye	Barley	Oats
To Georgian Bay Ports, Goderich, Sarnia and Walkerville	4 cents	3¾ cents	3½ cents per bushel
To Port Colborne.....	5½ cents	5¼ cents	4½ cents per bushel
To Toronto.....	6 cents	5½ cents	5¼ cents per bushel
To Kingston.....	6½ cents	6 cents	5½ cents per bushel
To Prescott.....	6¾ cents	6¼ cents	6 cents per bushel
To Montreal, Sorel, Three Rivers and Quebec City Direct...	11 cents	10¼ cents	9½ cents per bushel
Transferred at intermediate ports.....	11½ cents	10¾ cents	10 cents per bushel

The former rate for wheat and rye to Georgian Bay Ports, Goderich, Sarnia and Walkerville of Four Cents per bushel remained unchanged by this order but maximum rates for barley and oats for these ports were provided.

On further application by the Dominion Marine Association for increased rates to the Bay Ports, the Board issued Order No. 17 on October 1, 1948 increasing the rates for all grains to those ports by one-half cent (½c.) per bushel.

Further representations were made to the Board by various shipping interests to show that certain inequalities still existed under the new maximum rates as set, and after reviewing this matter the Board issued Order No. 18 on October 13, 1948, increasing the maximum rates for all grain at other than Bay Ports as follows:

	Wheat and Rye	Barley	Oats
To Georgian Bay Ports, Goderich, Sarnia and Walkerville	4½ cents	4¼ cents	4 cents per bushel
To Port Colborne.....	6 cents	5¾ cents	5½ cents per bushel
To Toronto.....	6½ cents	6 cents	5½ cents per bushel
To Kingston.....	7 cents	6½ cents	6¼ cents per bushel
To Prescott.....	7¼ cents	6¾ cents	6½ cents per bushel
To Montreal, Sorel, Three Rivers and Quebec City Direct..	12½ cents	11¾ cents	11 cents per bushel
Transferred at intermediate ports.....	13 cents	12¼ cents	11½ cents per bushel

In accordance with the usual practice further provision was made in this order for an increase of two cents (2c.) per bushel in all rates for tonnage loaded during the month of December, 1948 on account of increased insurance costs.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

In accordance with the provisions of Sections 138 and 138 (a) of The Canada Grain Act, the grain contained in every terminal and eastern elevator was weighed over by the Board's Weighing Branch during the crop year ended July 31, 1948.

At two semi-public terminal elevators, one at Fort William, Ontario and one at Vancouver, British Columbia, it appeared that the handling of grain in such elevators had resulted in the transfer of grain from a lower to a higher non-mixing grade. The value of the excesses disclosed, in the amounts of \$7.66 and \$16.14 respectively, were paid to the Board by the licensees.

ASSISTANT COMMISSIONERS

As the services of Assistant Grain Commissioners have not been available during the greater part of the year in the Provinces of Manitoba and Saskatchewan, the Board was unable to maintain the direct contact with producers and country elevator operators that is so desirable for the proper administration of The Canada Grain Act.

In Alberta, in addition to investigating five complaints, the Assistant Grain Commissioner visited 303 country points and inspected 869 country elevators.

CANADIAN GOVERNMENT ELEVATORS

The facilities of the Canadian Government Elevators at Calgary and Edmonton have continued to be in fair demand. During the crop year ended July 31, 1948, 5,317,403 bushels of grain was received at these two elevators compared with 3,499,344 bushels in the previous crop year.

At the Moose Jaw, Saskatoon and Lethbridge elevators, with total storage capacity of 12,250,000 bushels, the receipts only totalled 1,128,660 bushels. During the current crop year, however, 61,000,000 pounds of rapeseed has been received at the Moose Jaw and Saskatoon elevators.

No grain was received at the Prince Rupert Elevator.

Total receipts at all elevators during the crop year 1947-48 amounted to 6,446,063 bushels compared with 4,046,732 bushels in the previous crop year. At December 31, 1948 total stocks in store in all elevators were 1,784,056 bushels of wheat, oats, barley and flax and 33,505,195 pounds of rapeseed.

While total earnings for the fiscal year ended March 31, 1948 were \$34,481.18 above the earnings of the previous fiscal year, the net result of all operations was a deficit of \$131,282.90 as compared with the deficit of \$117,966.20 in the previous year. This was occasioned by increased cost of labour and supplies.

McCabe Grain Company Limited continue to operate the Port Arthur Elevator under lease for a period of five years ending August 1, 1949. On July 16, 1948 McCabe Grain Company exercised its option under the lease to request a renewal lease for a further period of five years from August 1, 1949 under the same terms and conditions as the present lease.

The dust-control system installed in the Edmonton Elevator is now in operation but the installation in the Port Arthur Elevator is only 98 per cent complete owing to difficulties in obtaining certain items of electrical equipment. Progress is being made at the Port Arthur Elevator in carrying out the recommendations of the Ontario Department of Labour re fire prevention.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the crop year 1948-49 were constituted by the Board in accordance with the provisions of Section 25 of The Canada Grain Act, 1930. The Western Committee was convened in Winnipeg on October 14, 1948 and the Eastern Committee at Toronto on November 16, 1948.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$16.95 were redeemed during the past year. Outstanding certificates still remain in the amount of \$7,755.28 as at December 31, 1948.

PRAIRIE FARM ASSISTANCE ACT

In accordance with the provisions of Section 13 of the Prairie Farm Assistance Act, 1939, the Board collected one per cent (1%) of the purchase price of grain marketed in the three Western Provinces. This, during the crop year ended July 31, 1948, amounted to \$5,116,329.42, making total collections of \$33,026,377.73 since the inception of this scheme on August 1, 1939.

During the year the Department of Justice ruled that the levy was deductible from the purchase price of grain purchased under the following conditions:

- (a) Seed grain purchased at an unlicensed plant operated by licensed country elevator operators;
- (b) Seed grain purchased under crop-testing plans sponsored by organizations licensed under the Canada Grain Act.

By an amendment to Section 13 of the Act passed on May 13, 1948 the levy was made applicable to grain purchased at unlicensed mills declared by the Parliament of Canada (Canadian Wheat Board Act, Chapter 15, 1947) to be a work for the general advantage of Canada.

PERSONNEL

In accordance with the provisions of subsection 2 of Section 3 of The Canada Grain Act, Commissioner Charles McGill Hamilton retired on superannuation on January 17, 1948 on attaining the age of seventy years. Mr. John Vallance, Assistant Grain Commissioner for Saskatchewan, was appointed Commissioner to succeed Mr. Hamilton.

Mr. Thomas James Harrison, Assistant Grain Commissioner for Manitoba since October 12, 1929, retired on superannuation on September 1, 1948. Appointments have not yet been made to fill the two vacant positions of Assistant Commissioner for Manitoba and Saskatchewan.

Mr. William Closs, M.B.E., Grain Inspector in charge at the Head of the Lakes, died suddenly on February 18, 1948 at the age of sixty-one years. Mr. Closs, had been in the service of the Board since September 19, 1905 and was appointed Inspector in Charge at the Head of the Lakes on January 7, 1931. Mr. Closs who had applied to retire on April 1, 1948 was appointed a Member of the Civil Division of the Most Excellent Order of the British Empire in 1946 in recognition of his outstanding work which contributed so largely to the reputation of the Canadian grain inspection and grading system in importing countries throughout the world.

Mr. James Reginald Munro, Grain Inspector, Grade 4, Fort William, who has been in the service of the Board since October 9, 1905, was promoted to Inspector in Charge vice Mr. Closs.

Mr. Felix Sherratt Ludlam, Chief Grain Inspector since May 4, 1941, proceeded on six months' retiring leave on September 1, 1948 on attaining the age of sixty-three years, prior to retirement on superannuation on March 1, 1949. Mr. Ludlam has a record of over forty-one years' service with the Board's Grain Inspection Branch during which time he built up an enviable reputation as a public servant.

Mr. Arthur Frederick Dollery, Assistant Chief Grain Inspector since August 7, 1941, who has been on the staff of the Board since September 1, 1911, has been promoted to the position of Chief Grain Inspector vice Mr. Ludlam.

Mr. Henry George White, Grain Inspector, Grade 3, retired on superannuation on April 26, 1948 on attaining the age of sixty-five years, after more than forty-one years' efficient service on the staff of the Board's Inspection Branch.

EXPENDITURE AND REVENUE

Total expenditure for the fiscal year 1947-48, exclusive of the Canadian Government Elevators, was \$2,061,040.17, compared with \$1,950,553.07 for the previous fiscal year, an increase of \$110,487.10, mainly attributable to increased salary rates.

Revenue amounted to \$1,404,169.31, an increase of \$96,672.06 over the revenue of \$1,312,102.33 in the previous fiscal year.

Total expenditure for the first nine months of the current fiscal year is \$120,777.07 more than in the corresponding period in the previous fiscal year, while the revenue for the same period is \$183,166.56 less than for the previous fiscal year.

Reports of the various Departments of the Board are attached hereto as appendices for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

D. A. MacGIBBON,
Commissioner.

J. VALLANCE,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 25, 1949

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing the different matters handled in the Executive Offices of the Board during the year 1948:

- (a) Complaints
- (b) Prosecutions
- (c) Defaults
- (d) Cars out of turn
- (e) Receipt of wheat into country elevators from railway cars
- (f) Report of Warehouseman
- (g) Licences issued
- (h) Grain-loading platforms
- (i) Prairie Farm Assistance Act—one per cent levy
- (j) Statistics

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1948, the Board investigated twenty-seven (27) complaints, including two outstanding as at December 31, 1947, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under *The Canada Grain Act*, as follows:

Manitoba.....	10	
Saskatchewan.....	9	
Alberta.....	5	
British Columbia.....	1	
Outstanding at December 31, 1947.....	2	
		27

These were disposed of as follows:

No grounds for complaint.....	14	
Settlement effected.....	7	
Outside jurisdiction of Board.....	2	
Not yet disposed of.....	4	
		27

MISCELLANEOUS COMPLAINTS

Seven (7) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These were disposed of as follows:

Settlement effected.....	4	
Outside jurisdiction of Board.....	1	
Not yet disposed of.....	2	
		7

EXPORT SHIPMENTS

Four (4) complaints in respect to overseas shipments were received during the year ending December 31, 1948. These, together with eleven (11) complaints outstanding at December 31, 1947, were disposed of as follows:

No grounds for complaint.....	6	
Not yet disposed of.....	9	
		15

(b) PROSECUTIONS

One prosecution for a breach of the provisions of Section 103 of *The Canada Grain Act* was instituted during the year, but had not been disposed of at December 31, 1948.

(c) DEFAULTS

There were no defaults by licensees during the year 1948.

(d) CARS OUT OF TURN

During the year 1948, 176 out-of-turn cars were ordered by the Board under the provisions of Section 68 (2) of *The Canada Grain Act*, as follows:

Grain out of condition.....	42	
Seed grain required for export.....	66	
Elevators in danger of collapse.....	68	
		176

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS FROM RAILWAY CARS

Under the provisions of Section 107(a) of *The Canada Grain Act*, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 1328 cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1947-48.

During the season which commenced on August 1, 1947, and ended on July 31, 1948, one hundred and forty-one (141) firms and individuals applied for licences as required by the provisions of *The Canada Grain Act*.

Five thousand and eight hundred (5,800) applications for licences to operate were received and five thousand, five hundred and fifty-four (5,554) licences were issued. Two hundred and thirty-five (235) licences were transferred and eleven (11) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	28		28	
Commission Merchants.....	35		35	
Grain Dealers.....	15	2	13	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	31		31	
Private Terminal Elevators.....	8	1	7	
Eastern Elevators.....	29		29	
Mill Elevators.....	43		43	
Private Country Elevators.....	10		10	
Public Country Elevators.....	5,360	8	5,352	
Transfers.....	235			235
	5,800	11	5,554	235

At December 1, 1947, there were 5,711 buildings classed as Elevators under the provisions of *The Canada Grain Act*, 5,681 in the Western Division and 30 in the Eastern Division; of these, 5,451 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions."

The total licensed storage capacity as at July 31, 1948, was 482,884,220 bushels; elevators proper and permanent annexes comprising 409,722,120 bushels and temporary annexes 73,162,100 bushels, 5,458 elevators being licensed at that date.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reasons stated hereunder:—

<i>Grain Commission Merchant's Licence No. C. 151</i>	W. J. Anderson Elevator Company Limited of Winnipeg, Manitoba; cancelled April 1, 1948; company ceased business.
<i>Semi-Public Terminal Licence No. S-P 172</i>	The Canadian Consolidated Grain Company Limited of Winnipeg, Manitoba; elevator at Fort William, Ontario; cancelled August 1, 1947; licence applied for in error; elevator not being used.
<i>Public Country Elevator Licence No. 465</i>	Alliance Grain Company Limited of Winnipeg, Manitoba; elevator at Wilcox, Saskatchewan; cancelled December 15, 1947; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 470</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator "C" at Truax, Saskatchewan; cancelled March 20, 1948; elevator demolished.
<i>Public Country Elevator Licence No. 627</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator at Loofnard, Saskatchewan; cancelled March 3, 1948; elevator dismantled.
<i>Public Country Elevator Licence No. 790</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Myrnam, Alberta; cancelled April 27, 1948; elevator destroyed by fire.

<i>Public Country Elevator Licence No. 1196</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Rabbit Lake, Saskatchewan; cancelled August 1, 1947; elevator not being operated.
<i>Public Country Elevator Licence No. 1402</i>	Searle Grain Company Limited of Winnipeg, Manitoba; elevator at Turtleford, Saskatchewan; cancelled September 2, 1947; elevator dismantled.
<i>Public Country Elevator Licence No. 1629</i>	N. M. Paterson & Company Limited of Winnipeg, Manitoba; elevator at Sovereign, Saskatchewan; cancelled December 24, 1947; elevator sold and not operated by new owner.
<i>Public Country Elevator Licence No. 2074</i>	The Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Holland, Manitoba; cancelled March 29, 1948; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2112</i>	The Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator "B" at Dugald, Manitoba; cancelled September 2, 1947; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2164</i>	The Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Maple Creek, Saskatchewan; cancelled January 23, 1948; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2168</i>	The Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Tompkins, Saskatchewan; cancelled March 15, 1948; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2213</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Holmfield, Manitoba; cancelled January 15, 1948; elevator sold and not being operated by new owner.
<i>Public Country Elevator Licence No. 2546</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Greene, Saskatchewan; cancelled September 24, 1947; elevator dismantled.
<i>Public Country Elevator Licence No. 2553</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Hughton, Saskatchewan; cancelled April 9, 1948; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 3082</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Hanley, Saskatchewan; cancelled May 10, 1948; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 4074</i>	Parrish & Heimbecker Limited of Winnipeg, Manitoba; elevator at Lindbrook, Alberta; cancelled August 1, 1947; elevator not being operated.
<i>Public Country Elevator Licence No. 4563</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator at Tiger Hills, Saskatchewan; cancelled February 26, 1948; elevator destroyed by fire.

*Public Country Elevator
Licence No. 4941*

Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator at Lilac, Saskatchewan; cancelled August 1, 1947; application for licence having been submitted in error.

*Public Country Elevator
Licence No. 5283*

The Canadian Consolidated Grain Company Limited of Winnipeg, Manitoba; elevator No. 1 at Elbow, Saskatchewan; cancelled April 1, 1948; elevator dismantled.

*Public Country Elevator
Licence No. 5286*

Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator "B" at Clarkboro, Saskatchewan; cancelled March 27, 1948; elevator demolished.

Five (5) licences were suspended by the Board, due to repairs being necessary at licensed elevators. These licences were all reinstated in due course after the buildings had been repaired.

Public Country Elevator Licence No. 581, which was issued to the Prairie Milling Company Limited covering the 12,500 bushel elevator at Herbert, Saskatchewan, was suspended by the Board on May 28, 1948, owing to the company becoming insolvent.

Licence fees collected amounted to \$29,540.00; of this amount \$75.00 was refunded to applicants on account of applications for licences having been withdrawn and \$32.00 on account of licences cancelled from date of issue.

The collections of the one percentum levy made under the provisions of The Prairie Farm Assistance Act, as recorded at this office, were \$5,116,318.20. The total collections from August 1, 1939, to July 31, 1948, amounted to \$33,029,802.11.

Guarantee bonds in the amount of \$26,310,111.50, executed by seventeen (17) of the approved surety companies, were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees; in addition, six (6) licensees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds.

Respectfully submitted,

C. F. SPITTLE,
Licensing Officer.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; 1930-31 and 1932-33 to 1947-48

Kind	1947- 1948	1946- 1947	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1930- 1931	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,352	5,412	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,500	3,577	1,872	1,099
Private Country Elevators.....	10	10	7	6	6	6	6	6	6	7	13	11	12	13	14	9	385	.....	.....	.....
Public Terminal Elevators.....	6	6	6	6	6	6	6	6	6	5	3	6	6	7	7	9	8	17	.....	.....
Semi-Public Terminal Elevators...	31	34	37	37	38	39	39	39	38	34	30	33	38	39	38	39	35	.....	*34	*10
Private Terminal Elevators.....	7	7	8	8	8	8	9	10	13	38	40	39	36	37	37	38	40	420	.....	.....
Eastern Elevators.....	29	29	30	30	31	30	30	31	30	29	29	29	31	31	30	29	29	418	.....	.....
Mill Elevators.....	43	43	39	39	38	35	34	38	38	15	17	15	19	19	21	22	25	.....	.....	.....
Elevator Space.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	58	.....
Track Buyers.....	28	27	27	29	31	31	31	33	36	38	40	40	41	46	51	64	48	156	123	.....
Commission Merchants.....	35	35	36	36	39	38	38	39	43	47	47	48	51	56	61	63	57	126	84	.....
Grain Dealers.....	13	15	11	14	15	17	18	21	24	23	19	17	24	25	20	15	3	.....	.....	.....
Total Number Issued.....	5,554	5,618	5,671	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	6,130	3,921	2,271	1,109

† Licensed as Private Elevators.

‡ Licensed as Public Elevators.

* Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1948, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	602	1,493
Saskatchewan.....	1,270	2,715
Alberta.....	724	1,428
British Columbia.....	34	76
Ontario.....	18	37
Total as at December 1, 1948.....	2,648	5,749

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1947, to July 31, 1948

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$ c.		\$ c.		\$ c.		\$ c.	\$ c.
Manitoba.....	32,195,551	494,580 02	11,235,251	69,133 70	17,571,542	165,604 60	1,063,580	35,426 05	764,744 37
Saskatchewan.	130,963,239	2,107,645 45	34,254,256	217,409 89	25,187,158	225,615 97	5,836,482	176,516 59	2,727,187 90
Alberta.....	80,646,351	1,152,477 82	25,639,565	166,838 55	21,636,009	206,824 52	3,017,728	98,096 53	1,624,237 42
	243,805,141	3,754,703 29	71,129,072	453,382 14	64,394,709	598,045 09	9,917,790	310,039 17	5,116,169 69
									Adjustments not allocated..... 148 51
									Collections—August 1, 1947 to July 31, 1948..... 5,116,318 20
									Collections—August 1, 1939 to July 31, 1947..... 27,913,483 91
									Total Collections..... 33,029,802 11

(j) STATISTICS

308 GRAIN EXCHANGE BLDG.,
FORT WILLIAM, ONT.,
January 27, 1949.

MR. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR—I beg to submit the following report for the Statistics Branch of the Board for the Crop Year 1947-48.

The 1948 Canadian Wheat crop has been estimated at 393.3 million bushels and the 1947 wheat harvest outturn for all Canada revised by the Dominion Bureau of Statistics to 336.8 million bushels. Canadian Wheat production for the five crop seasons (1943-1947 inclusive) ranged from a low point of 284.5 million bushels (1943) to a 416.6 million bushel high yield (1944) and averaged 354.0 millions for the five year period.

The prairie wheat crop for 1948 totalled 363.0 million bushels—48.0 millions above the 1947 harvest (315.0 millions) and 30.6 million bushels higher than the previous five year average prairie outturn (332.4 millions).

Canadian coarse grain and flaxseed production for 1948 and 1947 has been estimated in millions of bushels as follows, with 1947 outturns shown in brackets: Oats 357.7 (278.7); Barley 154.6 (141.4); Rye 25.4 (13.2) and Flaxseed 17.4 (12.2).

Old year Canadian wheat stocks of 87.4 million bushels were carried over into the 1947-48 season. The small 1947 wheat crop of 336.8 million bushels made up greatly reduced available supplies for the year to 424.2 million bushels and by the end of the 1947-48 season heavy domestic and export demand had worked down this stock pile to a very low reserve carryover of 77.4 million bushels on farms and in visible position.

The July 31 carryover of Canadian coarse grains and flaxseed for 1947 and 1948 was estimated as follows with 1947 returns shown in brackets: Oats 47.9 (69.7); Barley 31.5 (29.1); Rye .9 (.8) and Flaxseed 3.4 (.8) million bushels.

More detailed production, distribution and carryover statistics may be found in tables appended to this report.

Farm Deliveries—

Western farm wheat deliveries for the 1947-48 crop season amounting to 246.6 million bushels were both much smaller in volume than marketings of 1946-47 (334.6 millions), the previous five year average (304.0 millions) and the delivery volume in terms of the year's harvest as indicated in the following table.

WESTERN FARM WHEAT DELIVERIES—SEASON 1947-48

	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1947-48	1946-47	5 year Average 1942-43 1946-47
	bus.	bus.	bus.	bus.	bus.	bus.
<i>Delivered to:</i>						
Country Elevators.....	¹ 31,591,207	1131,541,161	¹ 80,406,977	1243,539,345	330,949,817	300,266,121
Interior Private and Mill Elevators.....	254,597	905,430	1,578,256	2,738,283	2,989,663	3,139,586
Interior Terminal Elevators (Street Receipts).....		955	1,983	2,938	9,068	6,445
Loaded over Platforms...	187,409	30,655	101,180	319,244	657,514	578,320
² From Farms direct to U.S.A. by truck.....	1,585	880		2,465	11,498	
Total.....	32,034,798	132,479,081	82,088,396	246,602,275	334,617,560	303,990,472
Production (Gross).....	42,000,000	170,000,000	105,966,000	³ 317,966,000	³ 396,089,000	³ 377,780,200
³ Percentage of Production..	78.06%	79.76%	79.48%	79.41%	86.97%	82.36%

¹Preliminary Returns.

² Dominion Bureau of Statistics—Customs Clearance.

³Calculated on Net Production basis.

⁴Includes B.C. Production Figures.

LAKE TRANSPORTATION

The S.S. "Wahcondah" arrived at the lakehead from its winter storage berth at Owen Sound on April 19, 1948 to open the season of navigation on the lakes. This date coincided with last year's navigation opening but was over three weeks later than the earliest recorded spring arrival of March 27, 1945.

The last outbound grain boat for the season, the S.S. "Sandland", completed the loading of her cargo on December 15, 1948.

Vessel clearances from the Twin Cities during the 1948 season of navigation totalled 219·8 million bushels for the five principal grains compared to lake shipments last year—256·4 millions, the previous five year normal vessel grain traffic—356·03 million bushels and the record lake movement in 1945 of 483·7 million bushels.

Lake wheat cargoes during the current season of navigation amounted to only 133·4 million bushels representing a decline from 1947 of about 33·9 millions. The largest quantity of wheat carried by lake vessels from Fort William-Port Arthur in any one season of navigation was recorded at 344·4 million bushels in 1945 and for the previous five years these wheat shipments have fluctuated around a norm of 241·9 million bushels.

Combined lake and rail shipments from Fort William-Port Arthur terminals during the 1947-48 crop year totalled 252·0 million bushels for all principal grains. 39·7 million bushels of grain moved east by rail from the Lakehead during the current crop season.

FREIGHT RATES

The current season of navigation opened with lake freight rates on the movement of wheat ex Lakehead terminals ruling 4c to 11c per bushel over the Georgian Bay to Lower St. Lawrence Ports range, reflecting $\frac{1}{2}$ c to 1c per bushel advances over opening freight charges in 1947.

Maximum lake freight charges thereafter remained fixed until October increases became effective and the rates on wheat cargoes again moved up $\frac{1}{2}$ c to $1\frac{1}{2}$ c per bushel. Authorized uniform increases of 2c per bushel in December, 1948 offset higher insurance costs.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES 1948 SEASON OF NAVIGATION

Fort William-Port Arthur to	Georgian Bay Ports	Port Colborne	Toronto	Kingston	Prescott	St. Lawrence Ports Direct
	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.
<i>Month—</i>						
April.....	4·0	5·5	6·0	6·5	.....	11·0
May.....	4·0	5·5	6·0	.....	6·75	11·0
June.....	4·0	5·5	6·0	.....	6·75	11·0
July.....	4·0	5·5	6·0	.....	6·75	11·0
August.....	4·0	5·5	6·0	.....	6·75	11·0
September.....	4·0	5·5	6·0	.....	.....	11·0
October.....	4·5	5·797	6·325	.....	.....	11·0
November.....	4·5	6·0	6·5	7·0	.....	12·5
December.....	6·5	8·0	.....	9·0	.....	.....
<i>Season Averages—</i>						
1948.....	4·268	5·723	6·208	7·716	6·75	11·355
1947.....	4·05	5·14	5·5	6·0	6·0	10·0

Wheat cargo rates to Buffalo during June, October and November in American vessels ranged from 6·5c (U.S.) to 7·5c (U.S.) per bushel. American wheat freight rates to Erie during October and November, 1948 were quoted at 7c (U.S.), 8c (U.S.) and 8·5c (U.S.). Canadian vessels carried one wheat shipment to Oswego with freight charges assessed at 9c (Can.) per bushel and

another two cargoes to this Port during the same month for 9½c (Can.). Freight charges of 7½c (U.S.) were placed on one wheat shipment to Toledo in November, 1948 clearing the Lakehead in a boat of American registry.

INLAND WATER FREIGHT RATES ACT

In accordance with provisions of the "Inland Water Freight Rates Act 1923" as amended, copies of vessel charter confirmations for all lake grain cargoes shipped from the Lakehead during the 1948 season of navigation were filed by shippers with this office.

Monthly statements of weighted lake freight rate averages have been prepared from charter confirmation returns for release to those interested in this data.

EXPORT CLEARANCES

Canadian wheat and wheat flour export for the 1947-48 crop year amounting to 196.1 million bushels were 46.8 millions lighter than shipments abroad during the previous 1946-47 season (242.9 millions). During the five previous years average export clearance of Canadian wheat and wheat flour of 296.9 million bushels (in terms of wheat equivalent) was recorded.

Only a very limited quantity of Canadian Wheat (133,560 bushels) was marketed in the United States in the current crop year.

Canadian wheat flour exports amounting to 62.6 million bushels (wheat equivalent) for 1947-48 reflected a sharp falling off from last year's returns (79.5 millions) and a slight decline from the 64.3 million bushel five year average level.

Canadian Atlantic Seaboard ports handled about 58 per cent of the total ocean wheat tonnage for the current crop season, while ocean cargoes of Canadian wheat from United States Atlantic and Canadian Pacific Coast ports accounted for about 11 per cent and 27 per cent of the total traffic respectively. About 4 per cent of the total Canadian overseas wheat movement for the current season found an outlet through the Port of Churchill in August and September, 1947.

Further Canadian export grain data is contained in tables in the appendix.

INSURANCE

Insurance policies on in store grain have been filed by Public Country, Semi-Public and Eastern Elevators with this office as provided under Section 102 Canada Grain Act 1930, as amended, and related Orders in Council and regulations. These documents have been carefully scrutinized to ensure adequate insurance coverage.

PRICES

In compliance with Section 21 of the Canada Grain Act, 1930, as amended, grain price records for the principal grain markets were maintained.

ANNUAL WEIGH-UP

All audit statements required in connection with the weigh-up of grain in Terminal and Eastern elevators by Inspection and Weighing Departments of the Board under authority of Section 138 and 138A of the Canada Grain Act, 1930, as amended, during the current crop year have been compiled and submitted to the Board.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, IN BUSHELS

	1946	*1947	1948
On Farms—Estimated.....	27,203,000	25,988,000	39,162,000
In Country, Private Terminal and Mill Elevators.....	18,319,829	23,876,786	16,600,071
In Public and Semi-Public Terminal Elevators.....	6,586,058	10,072,470	9,914,422
In store and afloat eastern elevators.....	11,525,957	16,886,727	6,284,943
In Eastern Flour Mills.....	3,394,062	2,750,196	1,543,124
In Transit Rail—East and West.....	6,437,303	7,720,905	4,060,361
In Store and in Transit in the United States.....	134,000	87,000	34,652
Total.....	73,600,209	87,382,084	77,599,573

Crops of 1947 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Carry-over 31 July, 1947.....	87,382,084	69,672,659	29,114,051	758,478	799,832
Production—All Canada.....	336,758,000	278,670,000	141,372,000	13,217,000	12,240,800
Total-Available Supply.....	424,140,084	348,342,659	170,486,051	13,975,478	13,040,632
Total Disposed of.....	346,540,511	300,429,256	139,017,610	13,071,732	9,669,406
Carry-over July 31, 1948.....	77,599,573	47,913,403	31,468,441	903,746	3,371,226
Total.....	424,140,084	348,342,659	170,486,051	13,975,478	13,040,632

EXPORTS

1947-48.....	133,505,264	5,413,650	2,678,679	10,226,258	1,787,612
Wheatflour, Oatmeal, etc., equivalent to.....	62,577,513	4,788,387			
Total.....	196,082,777	10,202,037	2,678,679	10,226,258	1,787,612
1946-47.....	163,387,789	21,792,569	6,903,036	5,268,968	61,446
Wheatflour, Oatmeal, etc., equivalent to.....	79,470,491	7,966,202			
Total.....	242,858,280	29,758,771	6,903,036	5,268,968	61,446

*Revised.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1947, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1947-48 (ENDED JULY 31st)**

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	42,000,000	39,000,000	34,000,000	600,000	5,200,000
Saskatchewan.....	170,000,000	80,000,000	45,000,000	6,780,000	4,200,000
Alberta and British Columbia	105,966,000	78,915,000	52,507,000	4,269,000	2,166,800
Total.....	317,966,000	197,915,000	131,507,000	11,649,000	11,566,800

(b) PRIMARY MARKETINGS AT COUNTRY ELEVATORS

Manitoba.....	31,590,749	11,074,654	17,288,101	1,257,630	4,250,276
Saskatchewan.....	131,541,264	34,736,589	25,318,197	5,858,196	4,175,772
Alberta.....	80,406,972	25,700,137	21,639,777	2,955,934	1,889,482
Total.....	243,538,985	71,511,380	64,246,075	10,071,760	10,315,530

LOADED OVER PLATFORMS

Manitoba.....	187,409	58,519	170,036	6,214	28,144
Saskatchewan.....	30,655	40,270	16,504	1,405	6,125
Alberta.....	101,180	368,028	181,485	9,009	3,118
Total.....	319,244	466,817	368,025	16,628	37,387

AT INTERIOR PUBLIC AND SEMI-PUBLIC TERMINALS

Manitoba.....		14,973	10,220		
Saskatchewan.....	955	6,720	25,148		12,785
Alberta.....	1,983	99,597	41,776	2,618	2,983
Total.....	2,938	121,290	77,144	2,618	15,768

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	254,597	41,929	82,798		111,845
Saskatchewan.....	905,430	42,923	75,260	12,586	5,774
Alberta.....	1,578,256	467,711	154,749	39,170	16,688
Total.....	2,738,283	552,563	312,807	51,756	134,307

† TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....	1,585	123	9,617		294
Saskatchewan.....	880	183	658		100
Alberta.....				60	
Total.....	2,465	306	10,275	60	394

(a) PRODUCTION—Official estimate Dominion Bureau of Statistics.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River valley situated in British Columbia are included in Alberta figures.

(c) INSPECTIONS—These are compiled according to provinces in which grain was grown computed on an estimated average net bushel outturn weight per car.

† Customs returns—Dominion Bureau of Statistics.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1947, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR, 1947-48 (ENDED JULY 31st)—Concluded**

TOTAL MARKETED

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
Manitoba.....	32,034,340	11,190,198	17,560,772	1,263,844	4,390,559
Saskatchewan.....	132,479,184	34,826,685	25,435,767	5,872,187	4,200,556
Alberta.....	82,088,391	26,635,473	22,017,787	3,006,791	1,912,271
Total.....	246,601,915	72,652,356	65,014,326	10,142,822	10,503,386

(c) INSPECTIONS

Manitoba.....	29,505,327	11,104,383	16,822,421	1,056,302	3,607,169
Saskatchewan.....	131,178,288	32,762,231	23,750,760	5,947,858	4,231,114
Alberta and British Columbia.....	74,597,192	22,206,648	16,738,525	2,618,903	1,581,638
Total.....	235,280,807	66,073,262	57,311,706	9,623,063	9,419,921

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS 1947-48

CANADIAN GRAIN

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....	129,190,755	35,685,370	24,980,356	10,176,736	5,057,532
Shipments.....	138,698,097	36,767,213	24,140,994	10,243,928	4,374,195
	Canadian Corn	Canadian Buckwheat	Canadian Beans	Canadian Peas	Mixed Grain
	bus.	bus.	bus.	bus.	lbs.
Receipts.....	1,721,057	49,451	386,702	5,135	3,803,170
Shipments.....	2,129,384	28,375	524,206	10,872	2,435,030

UNITED STATES GRAIN

	Wheat	Rye	Corn	Rice
	bus.	bus.	bus.	bus.
Receipts.....	1,310,804	284,454	3,744,172	261,140
Shipments.....	1,198,886	291,028	3,891,527	261,140

FOREIGN GRAIN (OTHER THAN U.S.A.)

Receipts.....	Nil
Shipments.....	Nil

**IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION
(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1947-48**

	U.S.A. Wheat	U.S.A. Rye	U.S.A. Corn	U.S.A. Rice	U.S.A. Beans
	bus.	bus.	bus.	bus.	bus.
Via Eastern Elevators.....	763,828	291,028	3,392,870	261,140	
Fort William-Port Arthur					
Interior Private Terminals					6,886
Pacific Coast Terminals.....			153,150		

**PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS,
CROP YEAR 1947-48**

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
<i>Fort William—Port Arthur—</i>					
Receipts.....	147,561,158	48,691,921	41,629,427	9,536,819	8,097,443
Shipments.....	146,159,896	50,314,167	38,753,339	9,722,620	7,018,035
<i>Vancouver—New Westminster—</i>					
Receipts.....	38,157,612	1,472,529	892,334	11,768	115
Shipments.....	38,415,192	2,455,579	868,581	11,727	115
<i>Victoria, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Churchill, Man.—</i>					
Receipts.....	3,769,497	570			
Shipments.....	4,975,753	40,203			
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	380,053	275,495	421,106	2,056	769
Shipments.....	372,927	327,539	476,902	2,056	769
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....					

**TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS**

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
<i>Receipts—</i>					
Calgary.....	480,737	242,498	2,059,931	3,990	24,584
Edmonton.....	1,370,056	839,464	263,958	7,300	26,296
Lethbridge.....	3,858				134,663
Moose Jaw.....	6,284	171,255	56,035	2,998	2,372
Saskatoon.....	71,303	102,931	54,610		508,138
Total.....	1,932,238	1,356,148	2,434,534	14,288	696,053
<i>Shipments—</i>					
Calgary.....	479,625	314,756	1,836,329	3,949	22,492
Edmonton.....	1,263,005	843,746	283,162	6,575	22,355
Lethbridge.....	3,858				134,335
Moose Jaw.....	6,282	203,733	53,738	2,998	2,478
Saskatoon.....	79,145	135,059	54,610		451,032
Total.....	1,831,915	1,497,294	2,227,839	13,521	632,692

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....			1,109,946		
Shipments.....			814,041		

GRAIN COMMISSION

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports ²		Milling in Bond	Total All Wheat	Wheat Flour ³	Grand Total Wheat and Flour
					For Human Con- sumption Duty-Paid	Unfit for Human Con- sumption				
1947	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
	August.....	2,549,531	4,724,367	2,286,253	40,584	945	1,165	9,602,845	6,956,028	16,558,873
	September.....	1,064,560	5,546,380	2,689,500	62,156	50	9,566	9,374,101	5,816,826	15,190,927
	October.....	1,100,251	8,580,018	.....	.....	45	.....	9,715,344	7,123,077	16,838,421
	November.....	1,008,000	10,997,724	.....	.....	2	.....	12,006,546	5,389,033	17,395,579
	December.....	2,541,348	3,308,930	.....	1,629,520	2,145	.....	7,481,943	4,911,998	12,393,941
1948	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January.....	5,804,405	4,311,021	.....	5,059,725	250	.....	15,178,491	4,460,517	19,639,008
	February.....	3,575,326	4,070,581	.....	3,650,130	50	.....	11,367,265	3,463,501	14,830,766
	March.....	4,495,924	2,897,789	.....	2,928,811	1,730	.....	10,324,554	4,946,081	15,270,635
	April.....	4,625,009	3,654,096	.....	1,801,322	2,132	.....	10,083,626	4,131,261	14,214,887
	May.....	4,695,563	7,707,520	.....	552,357	842	.....	12,956,516	7,717,432	20,673,948
	June.....	3,308,193	9,155,348	.....	.....	394	.....	12,464,310	4,686,534	17,150,844
1947-48	July.....	1,301,066	11,648,387	.....	.....	270	.....	12,949,723	2,975,225	15,924,948
	Total Crop Year 1947-48.....	36,069,176	76,602,170	4,975,753	15,724,605	5,495	10,731	133,505,264	62,577,513	196,082,777
	Total Crop Year 1946-47.....	56,036,205	90,804,100	2,928,875	11,946,354	141,640	1,502,021	163,387,789	79,470,491	242,858,280
5-year average: 1942-43 to 1946-47.....	.....	26,880,532	104,242,719	585,775	54,790,659	34,783,866	7,932,244	232,604,820	64,268,734	296,873,554

¹Monthly Grand Totals include Exports of Canadian Wheat Flour.²Source—United States Department of Commerce, Bureau of the Census.³Canadian Customs Returns.

**ANALYSIS OF CANADIAN GRAIN OVERSEAS EXPORTS, BY GRADE
AND SEABOARD AREA, CROP YEAR 1947-48**

Grade	Via Canadian Pacific Seaboard Ports	¹ Via Canadian St. Lawrence —Atlantic Seaboard Ports	Via United States Atlantic Seaboard Ports	GRAND TOTALS
	bus.	bus.	bus.	bus.
<i>Wheat (Including Durum)—</i>				
1 Manitoba Hard.....				
1 Manitoba Northern.....	4,612,504	9,116,089	715,259	14,443,852
2 Manitoba Northern.....	10,300,989	28,840,687	6,506,755	45,648,431
3 Manitoba Northern.....	12,968,665	19,777,001	3,581,846	36,327,512
4 Manitoba Northern.....	4,376,309	6,363,098	2,811,977	13,551,384
4 Special.....	61,759	423,148		484,907
Sample.....			62,156	62,156
Sample Heated.....	26,496			26,496
Tough 2 Manitoba Northern.....		4,443,323		4,443,323
Tough 3 Manitoba Northern.....		6,484,250		6,484,250
1 C. W. Garnet.....	42,242			42,242
2 C. W. Garnet.....	309,816	185,840		495,656
3 C. W. Garnet.....	2,852,741	223,764		3,076,505
1 Alberta Red Winter.....	122,640	20,208		142,848
2 Alberta Winter.....	343,868	28,926		372,794
3 Alberta Winter.....	51,147	29,026		80,173
Seed Wheat.....			260,125	260,125
1 C. W. Amber Durum.....		60,000		60,000
2 C. W. Amber Durum.....		411,896		411,896
3 C. W. Amber Durum.....		5,098,234	1,786,487	6,884,721
Tough Durum.....		72,433		72,433
Total.....	36,069,176	81,577,923	15,724,605	133,371,704
<i>Oats—</i>				
Ex. 3 C.W.....		565,204		565,204
3 C.W.....		901,142		901,142
Ex. 1 Feed.....	4,000	3,998		7,998
1 Feed.....		762,166		762,166
Mixed Feed.....	769,785	1,110,358		1,880,143
Tough.....		12,250		12,250
Others.....		40,708	29,450	70,158
Total.....	773,785	3,395,826	29,450	4,199,061
<i>Barley—</i>				
2 C.W. Six-Row.....		5,634		5,634
3 C.W. Six-Row.....		49,746		49,746
1 Feed.....		1,280,715		1,280,715
Unspecified.....			187,749	187,749
Total.....		1,336,095	187,749	1,523,844
<i>Rye—</i>				
2 C.W.....	11,000	5,867,900	715,630	6,594,530
3 C.W.....		2,478,350	598,232	3,076,582
Eastern.....		513,686		513,686
Total.....	11,000	8,859,936	1,313,862	10,184,798
<i>Flaxseed</i>				
1 C.W.....		1,264,429		1,264,429
Total.....		1,264,429		1,264,429

¹ Including wheat shipped via the Port of Churchill.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS
BY SEABOARD PORTS CROP YEAR 1947-48

Loaded at	Wheat (All varieties)	Oats	Barley	Rye	Flaxseed	Grand Total All Grains
	bus.	bus.	bus.	bus.	bus.	bus.
Vancouver-New Westmr....	36,069,176	773,785		11,000		36,853,961
Victoria.....						
Prince Rupert.....						
Montreal.....	38,278,287	2,868,351	1,046,095	5,624,692	910,807	48,728,232
Sorel.....	10,211,060	468,575	290,000	1,375,462		12,345,097
Three Rivers.....	10,561,438	25,976				10,587,414
Quebec.....						
St. John.....				245,461		245,461
West St. John.....	10,292,506	32,924		1,152,175	353,622	11,831,227
Halifax.....	7,258,879			462,146		7,721,025
Churchill.....	4,975,753					4,975,753
Total—Canadian Ports.....	117,647,099	4,169,611	1,336,095	8,870,936	1,264,429	133,288,170
New York.....	123,553	11,082	43,159	59,982		237,776
Baltimore.....	14,653,684	18,368				14,672,052
Boston.....	174,239					174,239
Duluth.....			144,590			144,590
Philadelphia.....	708,056					708,056
Portland.....	65,073			1,253,880		1,318,953
Total—U.S.A. Ports.....	15,724,605	29,450	187,749	1,313,862		17,255,666
Total to Overseas.....	133,371,704	4,199,061	1,523,844	10,184,798	1,264,429	150,543,836
¹ Wheat Flour.....	62,577,513					62,577,513
¹ Rolled Oats and Oatmeal..		4,788,387				4,788,387
² U.S.A. Imports.....	133,560	1,214,589	1,154,835	41,460	523,183	3,067,627
Grand Total.....	196,082,777	10,202,037	2,678,679	10,226,258	1,787,612	220,977,363
Other U.S.A. Imports—		pounds	pounds			
Oats unhulled ground....		421,300				
Barley Malt.....			7,330,622			

¹ Canadian Customs Returns converted to bushels.² United States official figures.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

AVERAGE MONTHLY FIXED DOMESTIC AND EXPORT WESTERN GRAIN PRICES AND CLOSING CASH QUOTATIONS ON THE WINNIPEG GRAIN EXCHANGE,
CROP YEAR 1947-48

Basis in Store Fort William-Port Arthur or Vancouver

	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
WHEAT													
(1) Class 1 (<i>Domestic</i>) (a) Domestic Use ¹													
1 Hard.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
2 Northern.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
3 Northern.....	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¾
4 Northern.....	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¾
5 Northern.....	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¼	150 ¾
6 Northern.....	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¼	145 ¾
Number 6.....	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¼	141 ¾
Feed.....	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¼	139 ¾
1 C.W. Garnet.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
2 C.W. Garnet.....	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¼	151 ¾
3 C.W. Garnet.....	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¼	149 ¾
1 Alberta Red Winter.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
2 Alberta Winter.....	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¼	157 ¾
3 Alberta Winter.....	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¼	154 ¾
Durum Wheat ¹													
1 C.W. Amber.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
2 C.W. Amber.....	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¾
3 C.W. Amber.....	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¾
(Cents and eighths per bushel)													
3½c. per bushel under Schedule A													
(b) Initial payment to producers													
(2) Class II (<i>Export</i>) (a) United Kingdom ¹													
1 Hard.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
1 Northern.....	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¼	158 ¾
2 Northern.....	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¼	155 ¾
3 Northern.....	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¼	153 ¾
(b) Commercial													
1 Hard.....	262 ⅓	294	322	330 ⅓	329 ¼	325 ⅙	275 ⅗	269 ⅑	271 ⅓	269 ⅒	259 ⅗	248 ⅕	288 ⅑
1 Northern.....	262 ⅓	294	322	330 ⅓	329 ¼	325 ⅙	275 ⅗	269 ⅑	271 ⅓	269 ⅒	259 ⅗	248 ⅕	288 ⅑
2 Northern.....	259 ⅓	291	319	327 ⅓	326 ⅔	322 ⅖	272 ⅗	266 ⅑	268 ⅓	266 ⅒	256 ⅗	245 ⅕	285 ⅑
3 Northern.....	257 ⅓	289	317	325 ⅓	324 ¼	320 ⅖	270 ⅗	264 ⅑	266 ⅓	264 ⅒	254 ⅗	243 ⅕	283 ⅑
Durum Wheat													
1 C.W. Amber.....	272	294	322	330 ⅓	329 ¼	325 ⅙	275 ⅗	269 ⅑	271 ⅓	272 ⅒	269 ⅗	258 ⅕	290 ⅗
2 C.W. Amber.....	269	291	319	327 ⅓	326 ⅔	322 ⅖	272 ⅗	266 ⅑	268 ⅓	267 ⅒	266 ⅗	255 ⅕	287 ⅗
3 C.W. Amber.....	267	283	317	325 ⅓	324 ¼	320 ⅖	270 ⅗	264 ⅑	266 ⅓	261 ⅗	264 ⅗	253 ⅕	285 ⅗

OATS²(1) *Domestic and Producers*

2 C.W.....	65	73/2	87/5	88/5	96/5	84	81/5	90/7	95/7	94/5	86/4	84/1
Ex 3 C.W.....	65	73	86	85/3	94/2	80	76	88/4	93/4	94	93/5	82
3 C.W.....	65	72/5	85/7	84/3	87/3	75	75/3	87/7	93/2	93/2	83/4	80/6
Ex. 1 Feed.....	65	72/5	85/5	84/3	86/4	74/1	74/7	85/6	93	92/4	83/3	80/2
1 Feed.....	65	82/4	85/2	82/4	85/2	73/3	73/5	84/2	91/1	92/2	82	79/3
2 Feed.....	65	71/6	81/5	77/6	80/5	69/5	69/5	78/3	84/4	80/2	80	76/1
3 Feed.....	65	71/1	79/4	75/6	77/2	67/1	66/6	74	80/4	86/2	77/2	73/6

(2) *Export—Schedule of Prices (1)*

plus equalization fees:
Equalization Fees
 (East).....
 (West).....
 (B.C.).....

54/3	64/4	57/6	46	52/4	55/2	49/6	60/1	47/2	36	38/4	19/1	48/3
54/3	64/4	57/6	46	52/4	55/2	49/6	60/1	47/2	36	38/4	19/1	48/3
54/3	64/4	57/6	46	52/4	55/2	49/6	60/1	47/2	36	38/4	19/1	48/3

BARLEY²(1) *Domestic and Producers*

1 C.W. Six-Row.....	93	104/7	137/7	153/1	158	132/3	124/6	136/7	141/5	139/3	125	128/3
2 C.W. Six-Row.....	93	104/7	137/7	153/1	158/1	132/3	124/6	136/7	141/5	139/3	125	128/3
3 C.W. Six-Row.....	93	103/3	132/7	148/1	153/1	129/3	121/3	133/7	141/3	138/4	124/5	126
1 C.W. Two-Row.....	93	103/3	132/7	148/1	153/1	129/3	121/3	132/7	138/2	139/3	124/6	125/6
2 C.W. Two-Row.....	93	103/3	132/7	148/1	153/1	129/3	121/3	132/7	138/2	139/3	124/6	125/6
2 C.W. Two-Row.....	93	103/3	132/7	141/1	145/3	122/7	116/5	125/6	134/2	133/4	124/1	122/1
3 C.W. Yellow.....	93	101/5	123/6	129	132/7	120/1	112/5	123/6	134/1	133/4	122/1	118/2
1 Feed.....	93	101/3	122/5	127/1	128/4	113	108/2	115/1	118/3	117/5	119/2	113/1
2 Feed.....	93	100/4	121	124/3	127/7	112	106/7	112/4	112	113/1	109/6	110/4
3 Feed.....	93	100	118/2	121/1	123/5	107/4	101/7	105/2	106/6	108/5	105/3	107

(2) *Export—Schedule of Prices (1)*

plus equalization fees:
Equalization Fees
 (East).....
 (West).....

122	122/6	123/2	122/7	119/4	111/6	99/4	113/1	83/4	67/5	58/6	22/2	97/2
122	122/6	123/2	122/7	119/4	111/6	99/4	113/1	83/4	67/5	58/6	22/2	97/2

RYE

(1) *Domestic and Producers*

2 C.W.....	303/4	384	392/3	402/3	415	398/1	415/2	441/4	447/5	277	234/3	374/5
3 C.W.....	298/4	379/5	387/3	397/3	410	393/1	410/2	436/5	442/3	272	229/3	369/6
4 C.W.....	292/6	369	377/3	382/3	390/4	350/7	357	386/1	406	.....	145/4	346/6
Ergoty.....	262/6	349	367/3	367/3	376/5	333/3	337	366/1	386	.....	135/4	328/7
Rejected 2 C.W.....	277/6	364	372/3	378/3	386/5	350/7	357	386/1	406	.....	140/4	343/6

(2) *Export—Same as Schedule 1*

BOARD OF GRAIN COMMISSIONERS FOR CANADA

AVERAGE MONTHLY FIXED DOMESTIC AND EXPORT WESTERN GRAIN PRICES AND CLOSING CASH QUOTATIONS ON THE WINNIPEG GRAIN EXCHANGE,
CROP YEAR 1947-48

Basis in Store Fort William-Port Arthur or Vancouver

	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(Cents and Eighths per bushel)													
FLAXSEED¹													
(1) Domestic and Producers													
(a) Domestic—(to Crushers)													
1 C.W.....	500	500	500	500	500	500	500	500	500	500	500	500	500
2 C.W.....	495	495	495	495	495	495	495	495	495	495	495	495	495
3 C.W.....	484	484	484	484	484	484	484	484	484	484	484	484	484
4 C.W.....	475	475	475	475	475	475	475	475	475	475	475	475	475
(b) Producers													
1 C.W.....	550	550	550	550	550	550	550	550	550	550	550	550	550
2 C.W.....	545	545	545	545	545	545	545	545	545	545	545	545	545
3 C.W.....	534	534	534	534	534	534	534	534	534	534	534	534	534
4 C.W.....	525	525	525	525	525	525	525	525	525	525	525	525	525
(2) Export—Schedule of prices 1(a) plus equalization fees:													
⁴ Equalization Fees (East).....	153/2	153/2	186/3	187									175/4
(West).....			186/3	187									175/4

¹Includes a carrying charge of 3½c. per bushel.²Price ceilings on oats and barley were removed effective October 22, 1947, and subsidies for live-stock feeding on wheat and barley of 25c. per bushel and 10c. per bushel on oats, were also discontinued from that date.³Effective February 23, 1948, payment to producers on deliveries of flaxseed was increased by 50c. per bushel to \$5.50 per bushel, basis 1 C.W. Flaxseed in store Fort William-Port Arthur or Vancouver and made retroactive to August 1, 1947. Ceiling prices on flaxseed for seed, feed and to domestic crushers remain unchanged at \$5.00 per bushel aforementioned basis.⁴Equalization fees for flaxseed were published daily at the close of the market by the Canadian Wheat Board from September 12, 1947, to November 22, 1947, only.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, CROP YEAR 1st AUGUST, 1947, to 31st JULY, 1948

SUMMARY OF OVERAGES OR SHORTAGES

Date of Audit	LICENSEE	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain	
		Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage
	<i>Canadian Government Elevators—</i>														
July 15-19.....	Calgary, Alta.....	bus.	16-30	bus.	218-06	bus.	92-22	bus.	1,792-14	bus.	21-24	bus.	149-51	lbs.	12,340
July 20-22.....	Edmonton, Alta.....	1,980-10		2,823-28				453-36							
July 14.....	Lethbridge, Alta.....	1,102-10				420-14							179-19		3,930
July 24-27.....	Saskatoon, Sask.....	1,137-50		53-08				41-02				583-27		13,500	
July 12-13.....	Moose Jaw, Sask.....			1-16				58-36							
	Totals.....	4,220-10	16-30	3,096-24		522-02		2,345-40		21-24		583-27	329-14	29,770	
	Net total Overage.....	4,203-40		3,096-24		522-02		2,345-40				254-13		29,770	
	or														
	Shortage.....									21-24					

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1947-48

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C. W. GARNET AND 2 C. W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR 1st AUGUST, 1947, TO 31st JULY, 1948, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY				
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	<i>Canadian Consolidated Grain Co.</i>	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
Oct. 29	Empire.....										
July 15-17	Thunder Bay.....					5-30	138-30	30-20	5-00		
	<i>Eastern Terminal Elev. Co. Ltd.</i>										
July 12-15	Richardson.....						8-40	1,701-30	125-40		7-50
	<i>Federal Grain Limited</i>										
June 16-22	"Northwestern".....						945-30	1,523-00	1,580-00		45-00
June 10-15	Stewart.....						612-10	1,924-40	475-50		
	<i>Fort William Elev. Co. Ltd.</i>										
Aug. 12-20	Lakehead Terminals Ltd.						301-20	459-40	47-40		
Dec. 15-20	Manitoba Pool Elevators						25-40	442-00	877-20		
	Terminal No. 1.....						80-40	817-50	924-40		34-30
June 23-25	Terminal No. 2.....						627-50	3,689-20	2,368-50		
May 26-27	Terminal No. 3.....						340-30	3,026-50	3,174-10		
Feb. 24-27	Terminal No. 9.....						77-40	326-00	257-20		
July 5-7	McCabe Grain Co. Ltd.										
Dec. 8-15	Dominion Gov't Elevator.....						1,077-40	4,532-10	3,576-30	7-30	35-10
	<i>National Grain Co. Ltd.</i>										
Dec. 18-23	G. T. P.....						2,977-00	12,275-00	7,165-40		39-00

<i>Northland Terminals Ltd.</i>					
Oct. 27-28.....	Elevator "D"				
Dec. 8-13.....	<i>Ogilvie Flour Mills Co. Ltd.</i>	49-40	216-50	26-40	
Dec. 8-10.....	N. M. Paterson & Co.....		6, 333-40	466-00	
Dec. 13-16.....	<i>Reliance Grain Co.</i>			88-50	119-10
Feb. 19-25.....	<i>Reliance Grain Co. (Special Audit)</i>			65-20	563-00
	<i>Sask. Pool Terminals Ltd.</i>				
May 25-29.....	Terminal No. 4.....			736-10	6, 446-30
June 11-17.....	Terminal No. 6.....			33-10	11, 046-00
Dec. 17-22.....	Terminal No. 7.....			4, 049-30	24, 822-00
June 22-26.....	<i>Searle Grain Co.</i>			2, 798-00	11, 986-40
Dec. 18-22.....	<i>Superior Elevator Co. Ltd.</i>				
	"P&H"	462-00	193-30		1, 892-50
Dec. 16-18.....	<i>Western Grain Co.</i>	1-30		127-10	447-00
					2, 299-30
					295-10

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1947-48

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C. W. GARNET AND 2 C. W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR 1st AUGUST, 1947, TO 31st JULY, 1948, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERE TO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY					
		1	1	2	3	1 C.W.	2 C.W.	1	2	3	1 C.W.	2 C.W.
		Hard	Northern	Northern	Northern	Garnet	Garnet	Hard	Northern	Northern	Garnet	Garnet
		bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
July 15-19.....	Canadian Government Elevators— Calgary, Alta.....							bus.	73-40	bus.	237-40	
July 20-22.....	Edmonton, Alta.....								7-20	95-50	153-40	
July 14.....	Lethbridge, Alta.....			10-40	115-10							
July 24-27.....	Saskatoon, Sask.....			146-20	648-20							
July 12-13.....	Moose Jaw, Sask.....								-50		10-40	

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1947-48

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR 1st AUGUST, 1947, TO 31st JULY, 1948, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER, NEW WESTMINSTER, CHURCHILL AND NORTH TRANSCONA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	LICENSEE	EXCESS					DEFICIENCY						
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	VANCOUVER-NEW WESTMINSTER	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
	Alberta Wheat Pool												
July 15-21.....	Terminal No. 1.....								476-20	1,947-10	4,497-00	3-30	104-20
June 17-21.....	Midland Pacific Terminals Ltd.....					293-30	3,640-00		1,928-10	689-30	3,239-30		
July 26-28.....	Pacific Elevators Ltd.....								3,766-20	607-10	1,759-20	3-50	140-50
July 6- 9.....	James Richardson & Sons Ltd		115-30	92-10	76-20				845-20	1,273-20	2,362-40	7-20	666-00
July 7- 9.....	Searle Grain Co. Ltd.....												
June 21-23.....	United Grain Growers Terminals Ltd.....								472-10	2,069-20	5,465-40	63-40	248-10
	Churchill, Man.												
Oct. 3- 7.....	National Harbours Board Elevator.....			25,550-30					4,124-00		907-10		
	North Transcona, Man.												
July 6.....	Eastern Terminal Elevator Co.....								26-50	72-30	62-50		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1947-48

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE AND SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP DURING CROP YEAR, AUGUST 1 1947 TO JULY 31, 1948, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1948				
April 16.....	Collingwood— Collingwood Terminals Ltd.....	Western Canadian Wheat.....		2,469-40
18.....		Western Canadian Oats.....	1,362-11	
		Western Canadian Barley.....		986-42
		Western Canadian Rye.....		589-23
		Western Canadian Scrags.....	51,450 lbs.	
April 21.....	Goderich— Goderich El. & Trst. Co.	Western Canadian Wheat.....		5,178-40
27.....		Western Canadian Oats.....		6,675-08
		Western Canadian Barley.....		1,277-19
		Western Canadian Rye.....		333-15
		Western Canadian Flaxseed.....		
		Western Canadian Mix. Grain.....	lbs. 3,980	
		Western Canadian Scrags.....	lbs. 9,306	
April 28.....	Goderich— Purity Flour Mills Co. Ltd.....	U.S.A. Corn.....		97-53
		Western Canadian Wheat.....		8,546-10
		Western Canadian Oats.....		1,413-25
May 10.....	Humberstone— Robin Hood Flour Mills.....	Western Canadian Barley.....		2,574-10
13.....		Western Canadian Wheat.....		3,716-30
		Western Canadian Barley.....		69-16
March 16.....	Kingston— Kingston Elev. Co. Ltd.....	U.S.A. Wheat.....		2,425-40
		Western Canadian Wheat.....		6,544-20
		Western Canadian Oats.....		170-30
		Western Canadian Barley.....		991-28
		Western Canadian Flaxseed.....		411-31
May 29.....	Midland— Aberdeen Elev. Co. Ltd.....	U.S.A. Corn.....		638-17
June 11.....		Western Canadian Wheat.....		9,928-40
		Western Canadian Oats.....		6,389-13
		Western Canadian Barley.....		3,227-19
		U.S.A. Wheat.....		2,719-10
		U.S.A. Corn.....		4,162-14
Mar. 18.....	Midland— C.N.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		3,908-10
24.....		Western Canadian Oats.....		454-09
		Western Canadian Barley.....		900-02
		Western Canadian Rye.....		1,008-08
Mar. 25.....	Midland— Canada Steamship Lines Ltd.....	Western Canadian Wheat.....		2,571-50
April 5.....		Western Canadian Oats.....	143-18	
		Western Canadian Barley.....		83-44
		Western Canadian Rye.....		70-12
April 6.....	Midland— Midland Simcoe Co. Ltd.....	Western Canadian Wheat.....		4,062-10
April 15.....		Western Canadian Oats.....		4,711-19
		Western Canadian Barley.....		377-39
		Western Canadian Rye.....		375-00
		Western Canadian Flaxseed.....	89-21	
May 17.....	Owen Sound— Great Lakes Elev. Co. Ltd.....	Western Canadian Wheat.....		3,620-30
May 28.....		Western Canadian Oats.....		2,857-11
		Western Canadian Barley.....		982-26
		Western Canadian Rye.....		311-05
		Western Canadian Flaxseed.....		191-34
		Western Canadian Mix. Grain.....	lbs. 1,250	
Mar. 27.....	Port Colborne— National Harbours Board.....	Western Canadian Scrags.....	lbs. 6,070	
Mar. 31.....		Western Canadian Wheat.....		7,776-50
		Western Canadian Oats.....		93-00
		Western Canadian Barley.....		1,254-04
		Western Canadian Flaxseed.....		102-36
		U.S.A. Wheat.....		70-30

ANNUAL WEIGH-UP, CROP YEAR 1947-48—(Continued)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1948			bus.	bus.
April 2.....	<i>Port Colborne—</i>			
April 9.....	Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		12,458-50
		Western Canadian Oats.....		9,549-19
		Western Canadian Barley.....		214-12
		Western Canadian Rye.....		21-03
		Western Canadian Oats Grts	298,300 lbs.	
		U.S.A. Rye.....		42-06
		U.S.A. Corn.....		13-06
Mar. 12.....	<i>Port McNicoll—</i>			
Mar. 24.....	C.P.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		11,046-30
		Western Canadian Oats.....		1,737-04
		Western Canadian Barley.....	35-32	
		Western Canadian Rye.....		2,101-08
		Western Canadian Scrags.....		lbs. 1,510
Feb. 21.....	<i>Prescott—</i>			
Feb. 27.....	National Harbours Board.....	Western Canadian Wheat.....		2,482-10
		Western Canadian Oats.....		195-15
		Western Canadian Barley.....		15-47
		Western Canadian Rye.....		1,617-10
		Western Canadian Flaxseed.....		79-20
		Western Canadian Mix. Grain		lbs. 105
		U.S.A. Corn.....		956-31
April 26.....	<i>Sarnia—</i>			
May 2.....	Sarnia Elev. Co. Ltd.....	Western Canadian Wheat.....		6,345-48
		Western Canadian Oats.....		2,917-30
		Western Canadian Barley.....		494-30
		Western Canadian Flaxseed.....		67-51
		U.S.A. Corn.....		306-19
April 12.....	<i>Toronto—</i>			
April 24.....	Toronto Elevators Ltd.....	Western Canadian Wheat.....		6,280-50
		Western Canadian Oats.....		3,220-12
		Western Canadian Barley.....	1,502-12	
		Western Canadian Flaxseed.....		431-30
		U.S.A. Corn.....		2,039-47
		U.S.A. Beans.....		93-40
		Argentine Corn.....		178-52
May 3-6.....	<i>Walkerville—</i>			
	Hiram Walker & Sons Gr. Corp....	Western Canadian Wheat.....		2,162-10
		Western Canadian Oats.....	545-06	
		Western Canadian Barley.....		1,079-38
		Western Canadian Rye.....		94-20
		Western Canadian Scrags.....		lbs. 1,913
		U.S.A. Rye.....		531-49
		U.S.A. Corn.....		2,724-45
		U.S.A. Screenings.....		lbs. 25
Feb. 3.....	<i>Montreal—</i>			
Feb. 19.....	National Harbours Board.....	Western Canadian Wheat.....		18,328-40
		Western Canadian Oats.....		676-23
		Western Canadian Barley.....		1,375-24
		Western Canadian Rye.....	284-10	
		Western Canadian Flaxseed.....		586-36
		Western Canadian Peas.....		-40
		Western Canadian Mustard		
		Seed.....		797-10
		Western Canadian Mix. Grain		lbs. 8,290
		Western Canadian Scrags.....		lbs. 2,360
		Western Canadian Oats Grts		10-03
		U.S.A. Rye.....		107-18
		U.S.A. Corn.....		906-43
		U.S.A. Rice.....		186-25
		Argentine Corn.....		4,677-01
		Origin Unknown, Rye.....		1-40
June 18.....	<i>Montreal—</i>			
June 25.....	Dominion Elevator Co. Ltd.....	Western Canadian Wheat.....		134-40
		Western Canadian Oats.....	325-30	
		Western Canadian Barley.....		775-02
		Western Canadian Corn.....		2-47
		Western Canadian Scrags.....	5,265, lbs.	
		U.S.A. Corn.....		6-43

ANNUAL WEIGH-UP, CROP YEAR 1947-48—(Continued)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1948			bus.	bus.
Jan. 29.....	Quebec— National Harbours Board.....	Western Canadian Wheat.....		53-50
		Western Canadian Oats.....		202-31
		Western Canadian Barley.....		60-09
		Western Canadian Sergs.....	lbs.	420
		U.S.A. Corn.....		142-06
Jan. 30.....	Sorel—			
Jan. 31.....	North American Elevs. Ltd.....	Western Canadian Wheat.....		4,763-10
		Western Canadian Oats.....		24-18
		Western Canadian Barley.....		71-01
		Western Canadian Rye.....		1,352-51
		Western Canadian Sergs.....	lbs.	220
Jan. 30.....	Three Rivers— Three Rivers Gr. & Elev. Co.....	Western Canadian Wheat.....		7,099-30
		Western Canadian Oats.....		52-02
		Western Canadian Barley.....		37-41
		Western Canadian Rye.....		153-24
June 14.....	Halifax— National Harbours Board.....	Western Canadian Wheat.....		4,675-10
		Western Canadian Oats.....		18-06
		Western Canadian Barley.....		5-11
		Western Canadian Rye.....		288-47
		U.S.A. Corn.....		14-06
June 15.....	St. John— C.N.R. Elevator Co.....	Western Canadian Wheat.....		21-30
		Western Canadian Oats.....		45-30
		Western Canadian Barley.....		35-34
		Western Canadian Rye.....		153-24
June 15.....	West St. John— C.P.R. Elevator Co. "B".....	Western Canadian Wheat.....		2,536-10
		Western Canadian Oats.....		
		Western Canadian Rye.....		335-45
		Western Canadian Flaxseed.....		124-36
June 15.....	West St. John— C.P.R. Elevator Co. "H".....	Western Canadian Wheat.....		3,101-20
		Western Canadian Oats.....		20-20
		Western Canadian Rye.....		411-40
		Western Canadian Flaxseed.....		96-25

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1947-48

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, DURING CROP YEAR 1ST AUGUST, 1947, TO 31ST JULY, 1948, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	Edmonton, Alta.		Calgary, Alta.	
	United Grain Growers Ltd.		Can. Malting Co. Ltd. No. 1	
	July 26, 1948		July 13, 1948	
	Excess	Deficiency	Excess	Deficiency
	bus.	bus.	bus.	bus.
1 Hard.....				
1 Northern.....				15-00
2 Northern.....				30-00
3 Northern.....				
1 C. W. Garnet.....				
2 C. W. Garnet.....				

No Wheat of the above grades was handled or in store in the following elevators:—

Canada Malting Co. (No. 2).....	Calgary, Alta.
Canada Malting Co.....	Winnipeg, Man.
Canada Malting Co.....	Port Arthur, Ont.
Dominion Milling Co.....	South Transcona, Man.
National Grain Co. Ltd. (D&S).....	Fort William, Ont.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1948

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners
 J. Vallance, Commissioner, Board of Grain Commissioners
 A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
 A. Miller, Chairman, Grain Appeal Tribunal, Winnipeg
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary
 Dr. J. A. Anderson, Chief Chemist, Dominion Grain Research Laboratory
 Dr. C. H. Goulden, Dominion Cerealist
 W. A. Hastings, representing the millers of wheat flour

George Bennett	}	representing grain growers in Alberta
W. H. Fairfield		
R. H. MacDonald		
B. S. Plumer		

A. F. Sproule	}	representing grain growers in Saskatchewan
Prof. M. Champlin		
J. Wellbelove		
L. L. Gray		
G. S. Canfield		

W. J. Parker	}	representing grain growers in Manitoba
R. Barrett		
J. Quick		

G. Constable, representing grain growers in British Columbia
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS, 1948

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners
 J. Vallance, Commissioner, Board of Grain Commissioners
 A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
 N. Clare Wight, representing Montreal Board of Trade
 E. D. Sullivan, representing Toronto Board of Trade
 Guy D. Robinson, representing exporters of grain

F. H. Dunsford	}	representing millers of wheat in the Eastern Division
H. Norman Davis		

N. M. Marshall	}	representing grain growers in Ontario
W. A. Amos		

Wm. Wallace	}	additional—representing growers of corn
J. M. Vittie		
John W. Ham		

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
A. Miller, Chairman	P. J. Marples, Chairman	C. R. Manahan, Chairman
Grant Hammond	T. F. Allison	T. D. Hudson
W. E. McLeod	J. Tranter	W. H. Boyle
A. F. Moore	W. N. Pringle	J. R. MacRae
James Gregory	W. McLeod	T. Stickney
S. C. Swanton	E. J. Munson	J. A. Kyle
J. F. Lazenby	G. C. Arbuthnott	H. A. Haggarty
D. K. Mills	A. Watson	J. F. Heathfield
H. R. Ballance	G. R. Deeton	Ross Saunders
S. Billinsky (Secretary)		D. K. McKay (Secretary)

<i>Toronto</i>	<i>Montreal</i>
John W. Ham	A. Chaplin
C. H. Coatsworth	T. B. Earle
R. O. Pratt	J. A. Byrne
N. H. Campbell	J. M. Vittie
C. W. Heimbecker	T. A. Climo
L. S. Johnston.	E. Lorne Tracey (Secretary)
W. H. McCarthy	
W. A. Robertson	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard (Secretary)	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1948.

	Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	356	31	Nil	325
Calgary.....	177	15	Nil	162
Edmonton.....	272	50	Nil	222
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	805	96	Nil	709

APPENDIX No. 4
REPORT OF REGISTRAR

WINNIPEG, MANITOBA,
December 18, 1948.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal warehouse receipts Western Division and Eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1948:

	Bushels Registered	Bushels Registered for cancellation
<i>Winnipeg—</i>		
Wheat.....	151,931,862-30	152,015,876-12
Oats.....	49,213,397-28	51,287,002-23
Barley.....	40,275,690-38	38,333,711-28
Flax.....	8,106,919-51	7,189,038-17
Rye.....	9,820,712-25	9,852,527-23
Mixed Grain.....	1,069,383-22	694,890-20
Corn.....	11,253-34	16,183-18
Peas.....	56-30	56-30
Soybeans.....	1,340-40	1,340-40
<i>Vancouver—</i>		
Wheat.....	38,219,345-10	38,474,135-40
Oats.....	1,510,536-08	2,495,441-28
Barley.....	902,320-20	875,247-46
Flax.....	115-40	115-40
Rye.....	14,749-54	14,713-22
Mixed Grain.....	52,677-30	50,920-00
Corn.....	153,104-10	152,850-08
<i>Calgary—</i>		
Wheat.....	478,835-20	479,625-20
Oats.....	242,497-32	314,755-30
Barley.....	2,059,949-14	1,835,937-44
Flax.....	24,584-30	22,491-49
Rye.....	3,989-30	4,134-26
Mixed Grain.....	7,988-00	5,076-10
<i>Edmonton—</i>		
Wheat.....	1,369,756-20	1,283,908-00
Oats.....	839,220-06	835,088-08
Barley.....	264,204-38	286,552-34
Flax.....	26,293-33	22,355-08
Rye.....	7,299-36	6,371-51
Mixed Grain.....	733-00	3,319-20
Corn.....	3,691-13	2,982-04
<i>Lethbridge—</i>		
Wheat.....	4,675-30	3,858-10
Flax.....	134,662-47	134,334-44
Mixed Grain.....	98-20	98-20

	Bushels Registered	Bushels Registered for cancellation
<i>Moose Jaw—</i>		
Wheat.....	8,893-40	6,203-50
Oats.....	168,644-24	203,495-08
Barley.....	5,603-00	53,975-28
Flax.....	2,371-53	3,861-33
Rye.....	2,998-22	1,614-26
Mixed Grain.....	1,871-00	2-30
Corn.....		5,237-00
Soybeans.....		6,886-50
Rapeseed.....	285,283-35	233,727-00
<i>Saskatoon—</i>		
Wheat.....	71,364-30	79,145-10
Oats.....	102,915-00	135,039-04
Barley.....	29,168-04	55,610-10
Flax.....	492,825-14	451,031-37
Mixed Grain.....	10,913-00	10,966-00
Rye.....	1,343-20	
<i>Summary—Western Division—</i>		
Wheat.....	192,084,733-00	192,342,752-22
Oats.....	52,077,211-30	55,270,822-33
Barley.....	43,536,936-18	41,441,035-46
Flax.....	8,787,773-44	7,823,229-04
Rye.....	9,851,093-19	9,879,361-36
Mixed Grain.....	1,143,664-22	765,273-00
Corn.....	168,049-01	177,252-30
Peas.....	56-30	56-30
Soybeans.....	1,340-40	8,227-30
Rapeseed.....	285,283-35	233,727-00

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	198,052,118-50	207,473,061-00
Oats.....	38,867,910-32	39,857,282-14
Barley.....	27,711,444-28	26,851,973-04
Rye.....	17,881,025-14	17,997,839-19
Flax.....	6,234,950-19	5,552,299-11
Mixed Grain.....	76,063-20	136,566-00
Corn.....	6,338,588-40	7,008,303-05
Screenings.....	944,743-27	952,557-43
Buckwheat.....	51,164-34	31,259-28
Peas.....	5,270-20	10,872-20
Beans.....	386,703-14	525,125-20
Mustard Seed.....	18,296-24	18,296-24
Groats.....	12,162-04	18,131-16
Rice.....	261,139-33	261,139-33
Dried Grains.....	8,728-02	8,727-38

Yours respectfully,

E. L. JAFFRAY,
Registrar.

APPENDIX No. 5

REPORT OF CHIEF GRAIN INSPECTOR

1064 Grain Exchange,
WINNIPEG, MAN.,
January 24, 1949.

Mr. J. Rayner, Secretary,
WINNIPEG, MAN.

DEAR SIR,—I have the honour to submit herewith the Annual Report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1948.

The crop in parts of Southern and Central Saskatchewan, also in Southern Alberta, was affected by drought, reducing the yield of all grains. Considerable damage was caused by early frost in the Northern Alberta area, with the result a quantity of wheat graded into the commercial grades.

The total number of cars inspected in the Western Division for the year 1947-48 was 216,936 as against 267,139 for the previous year, a decrease of 50,203 cars.

Yours truly,

A. F. DOLLERY,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspection in the Western Division from Aug. 1, 1947 to July 31, 1948 are made up as follows:—

	Cars	Percentages
Wheat.....	141,580	65.263
Oats.....	29,305	13.508
Barley.....	31,551	14.544
Flax.....	7,031	3.241
Rye.....	5,881	2.711
Mixed Grain.....	637	.294
Corn.....	46	.021
Buckwheat.....	2	.001
Screenings.....	750	.346
Sunflower Seeds.....	2	.001
Peas.....	151	.070
Totals.....	216,936	100.00

The Grades of Wheat are as follows:—

	Cars	Percentages	Totals	Percentage of Total Wheat Inspections
1 Manitoba Hard.....	5	-004		
1 Manitoba Northern.....	10,191	7-730		
2 Manitoba Northern.....	46,070	34-944		
3 Manitoba Northern.....	23,476	17-807		
4 Manitoba Northern.....	4,015	3-045		
No. 4 Special.....	3,385	2-568		
No. 5.....	618	-468		
No. 6.....	166	-126		
Feed.....	51	-039		
Sample.....	70	-053		
Smutty.....	418	-317		
Tough.....	40,923	31-040		
Damp.....	1,538	1-167		
Rejected.....	897	-680		
No. 5 Special.....	15	-012		
Total Red Spring Wheats.....	131,838	100-000	131,838	93-119
1 Garnet.....	2	-086		
2 Garnet.....	76	3-262		
3 Garnet.....	135	5-794		
Tough Garnet.....	2,064	88-583		
Damp Garnet.....	51	2-189		
Rejected Garnet.....	2	-086		
Total Garnet Wheats.....	2,330	100-000	2,330	1-646
1 Amber Durum.....	28	-478		
2 Amber Durum.....	680	11-600		
3 Amber Durum.....	3,900	66-530		
4 Amber Durum.....	150	2-560		
5 Amber Durum.....	4	-068		
Smutty Amber Durum.....	90	1-535		
Tough Amber Durum.....	745	12-709		
Damp Amber Durum.....	24	-409		
Rejected Amber Durum.....	211	3-599		
Sample Amber Durum.....	30	-512		
Total Amber Durum Wheats.....	5,862	100-000	5,862	4-140
1 Soft White Spring.....	19	4-388		
2 Soft White Spring.....	185	42-725		
3 Soft White Spring.....	35	8-083		
4 Soft White Spring.....	4	-924		
Smutty Soft White Spring.....	1	-231		
Tough Soft White Spring.....	182	42-032		
Damp Soft White Spring.....	6	1-386		
Rejected Soft White Spring.....	1	-231		
Total Soft White Spring Wheats.....	433	100-000	433	-306
1 Mixed Wheat.....	34	25-000		
2 Mixed Wheat.....	5	3-677		
3 Mixed Wheat.....	28	20-588		
4 Mixed Wheat.....	2	1-470		
5 Mixed Wheat.....	11	8-088		
Tough Mixed Wheat.....	44	32-353		
Smutty Mixed Wheat.....	9	6-618		
Rejected Mixed Wheat.....	3	2-206		
Total Mixed Wheats.....	136	100-000	136	-096
1 Alberta Red Winter.....	189	19-266		
2 Alberta Winter.....	452	46-076		
3 Alberta Winter.....	168	17-125		
Tough Alberta Winter.....	126	12-844		
Damp Alberta Winter.....	25	2-548		
Smutty Alberta Winter.....	19	1-937		
Rejected Alberta Winter.....	2	-204		
Total Alberta Winter Wheats.....	981	100-000	981	-693
TOTAL ALL WHEATS.....	141,580		141,580	100-000

The Grades of Oats are as follows:—

	Cars	Percentages
2 Canada Western.....	347	1-184
Extra 3 Canada Western.....	746	2-546
3 Canada Western.....	5,711	19-488
Extra 1 Feed.....	1,412	4-818
1 Feed.....	8,814	30-077
2 Feed.....	2,067	7-053
3 Feed.....	331	1-130
Mixed Feed Oats.....	73	2-249
Rejected Oats.....	92	3-314
Sample.....	24	0-082
Tough.....	9,399	32-073
Damp.....	289	0-986
Total Oats.....	29,305	100-000

The Grades of Barley are as follows:—

	Cars	Percentages
1 Canada Western Six-row.....	1	0-003
2 Canada Western Six-row.....	722	2-288
3 Canada Western Six-row.....	2,177	6-900
2 Canada Western Two-row.....	124	0-393
2 Canada Western Yellow.....	68	0-216
3 Canada Western Yellow.....	332	1-052
1 Feed.....	5,119	16-225
2 Feed.....	6,296	19-955
3 Feed.....	1,805	5-721
Rejected.....	147	0-466
Sample.....	24	0-076
Tough.....	13,470	42-693
Damp.....	1,266	4-012
Total Barley.....	31,551	100-00

The Grades of Flax are as follows:—

1 Canada Western.....	5,634	80-131
2 Canada Western.....	239	3-399
3 Canada Western.....	234	3-328
4 Canada Western.....	27	0-384
Sample.....	59	0-839
Tough.....	802	11-407
Damp.....	35	0-498
Flax and Broken Grain.....	1	0-014
Total Flax.....	7,031	100-000

The Grades of Rye are as follows:—

1 Canada Western.....	75	1-276
2 Canada Western.....	2,707	46-029
3 Canada Western.....	1,661	28-243
4 Canada Western.....	108	1-836
Ergoty Rye.....	49	0-833
Rejected.....	2	0-034
Tough.....	1,234	20-984
Damp.....	41	0-697
Sample.....	4	0-068
Total Rye.....	5,881	100-000

The Grades of Mixed Grain are as follows:—

	Cars	Percentages
No. 1.....	27	4.238
No. 2.....	28	4.396
No. 3.....	225	35.322
Tough.....	277	43.485
Damp.....	35	5.495
Rejected.....	13	2.041
Sample.....	32	5.023
Total Mixed Grain.....	637	100.000

The Grades of Corn are as follows:—

	Cars	Percentages
No. 2 Canada Western Yellow.....	1	2.174
No. 3 Canada Western Yellow.....	8	17.390
No. 4 Canada Western Yellow.....	6	13.043
No. 5 Canada Western Yellow.....	3	6.522
Tough.....	3	6.522
Damp.....	1	2.174
Moist.....	2	4.348
Wet.....	15	32.609
Sample.....	7	15.218
Total Corn.....	46	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1947—JULY 31, 1948

Point	Cars	Percentages
Winnipeg.....	155,664	71.756
Calgary.....	22,155	10.213
Moose Jaw.....	3,656	1.685
Saskatoon.....	4,852	2.237
Medicine Hat.....	2,886	1.330
Lethbridge.....	138	.064
Vancouver.....	802	.369
Edmonton.....	24,533	11.309
Churchill.....	2,250	1.037
Total.....	216,936	100.000

SUMMARY OF CARS REINSPECTED, 1947-1948

	Winnipeg		Calgary	
Cars Inspected.....	155,664		22,155	
Cars Reinspected.....	20,830	13.38%	2,814	12.70%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	10,915	52.40	1,446	51.38
Grades Raised.....	4,262	20.46	637	22.64
Grades Lowered.....	365	1.75	26	.92
Dockage Raised.....	635	3.05	68	2.42
Dockage Lowered.....	4,653	22.34	637	22.64
Total.....	20,830	100.00	2,814	100.00

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	24,533		4,852	
Cars Reinspected.....	7,975	32.51%	208	4.29%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	4,627	58.02	195	93.75
Grades Raised.....	891	11.17	13	6.25
Grades Lowered.....	295	3.69		
Dockage Raised.....	248	3.12		
Dockage Lowered.....	1,914	24.00		
Total.....	7,975	100.00	208	100.00
	Moose Jaw		Medicine Hat	
Cars inspected.....	3,656		2,886	
Cars Reinspected.....	205	5.61%	107	3.71%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	175	85.37	41	38.32
Grades Raised.....	30	14.63	59	55.14
Grades Lowered.....			2	1.87
Dockage Raised.....			1	.93
Dockage Lowered.....			4	3.74
Total.....	205	100.00	107	100.00
	Lethbridge		Vancouver	
Cars Inspected.....	138		802	
Cars Reinspected.....	Nil		5	.62%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....			5	100.00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			5	100.00
	Churchill			
Cars Inspected.....			2,250	
Cars Reinspected.....			Nil	
Reinspections	Cars	Per cent		
Left as Graded.....				
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....				

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....		216,936	
Total Cars Reinspected.....		32,144	14.81%
	Cars	Per cent	Per Cent of Total Inspections
Left as Graded.....	17,404	54.14	8.00
Grades Raised.....	5,892	18.33	2.72
Grades Lowered.....	688	2.14	.32
Dockage Raised.....	952	2.96	.44
Dockage Lowered.....	7,208	22.43	3.33
Total.....	32,144	100.00	14.81

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	325	91.29	162	91.53	222	81.62	709	88.07
Grades Raised.....	31	8.71	15	8.47	50	18.38	96	11.93
Grades Lowered.....								
Dockage Raised.....								
Dockage Lowered.....								
Total.....	356	100.00	177	100.00	272	100.00	805	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	216,936	100.00
Total Appeals.....	805	0.37
Total Grades Changed.....	96	0.04

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1947 TO JULY 31, 1948

	Fort William and Port Arthur	Vancouver and Victoria	Churchill
	bushels	bushels	bushels
Wheat.....	134,589,294-20	35,716,465-10	4,975,753-40
Oats.....	34,721,131-21	773,785-30	
Barley.....	28,615,944-37		
Flax.....	5,933,346-55		
Rye.....	8,549,033-13	11,000-00	
Screenings.....	28,919,532-40		
Mixed Grain.....	63,851-10		

OUTWARD CARS INSPECTED CROP YEAR AUGUST 1, 1947 TO JULY 31, 1948 EX-PUBLIC, SEMI-PUBLIC
AND PRIVATE ELEVATORS.

	Winnipeg	Calgary	Edmonton	Moose Jaw	Saskatoon	Medicine Hat	Vancouver	Fort William and Port Arthur	Churchill
Wheat.....	96	292	761	119	64	.....	1,383	6,177	.....
Oats.....	515	225	310	366	92	.....	677	6,614	18
Barley.....	483	437	67	64	60	.....	484	4,920	.....
Flax.....	20	14	10	9	275	.....	.....	821	.....
Rye.....	4	3	3	3	9	.....	3	727	.....
Screenings.....	406	290	45	228	286	1	635	2,650	89
Mixed Grain.....	91	12	4	30	8	.....	21	116	.....
Oats Groats.....	.....	.....	.....	.....	.....	.....	.....	11	.....
Corn.....	20	.....	1	.....	.....	.....	.....	.....	.....
Peas.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1,637	1,273	1,201	819	794	1	3,203	22,036	107

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1947 TO JULY 31, 1948.

Carloads—

Grain Grown in the Eastern Division:

	Cars	Cars
At Montreal.....	402	
At Toronto.....	1,250	
At Chatham.....	3,765	5,417

Cargoes—

Grain Grown in Eastern Division:

	Bushels	Bushels
At Montreal.....	680,572	
At Toronto.....	123,705	
At Chatham.....	94,500	898,777

GRAIN SAMPLED BUT NOT INSPECTED, AUGUST 1, 1947 TO JULY 31, 1948

	Montreal	Toronto	Chatham
<i>Carloads—</i>			
Western Grain.....	432		26
Eastern Grain.....	78		85
United States Grain.....	19		
Total.....	529		111

Cargoes—

	Bushels	Bushels
Western Grain.....	99,915,202	
Eastern Grain.....	154,464	
United States Grain.....	252,559	100,322,225

— POINTS —

At Montreal.....	55,522,191
At Sorel.....	14,610,603
At Three Rivers.....	10,668,286
At Halifax.....	7,701,560
At Saint John.....	11,819,585
Total.....	100,322,225

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		2	1	3
No. 2 C.E. White Winter.....	1		4	5
No. 1 C.E. Red Winter.....		1	27	28
No. 2 C.E. Red Winter.....			1	1
No. 1 C.E. Mixed Winter.....		267	159	426
No. 2 C.E. Mixed Winter.....	2	131	99	232
No. 3 C.E. Mixed Winter.....	1	1	31	33
No. 4 C.E. Mixed Winter.....			2	2
Tough.....	1	342	226	569
Damp.....			2	2
Smutty.....		16	36	52
Sample.....		21	9	30
<i>Barley—</i>				
No. 3 Feed.....		86		86
No. 3 C.E. 6 Row.....			1	1
Tough.....			2	2

GRADES OF CARLOADS INSPECTED—Continued

	Montreal	Toronto	Chatham	Total
<i>Rye—</i>				
No. 2 C.E.	96	17	54	167
No. 3 C.E.	57	20	8	85
No. 4 C.E.	8	1	2	11
Tough	86	20	58	164
Damp	1	1	3	4
Sample	18	1	5	24
<i>Oats—</i>				
Mixed Feed	51	69		120
<i>Mixed Grain—</i>				
No. 3 C.E.	1			1
Tough	1			1
Sample			1	1
<i>Buckwheat—</i>				
No. 2 C.E.	2	1		3
No. 3 C.E.		1		1
Tough	8	10	15	33
Damp		1	2	3
Sample			4	4
<i>Pea Beans—</i>				
No. 1 C.E.			15	15
No. 2 C.E.			61	61
No. 3 C.E.			97	97
No. 4 C.E.			18	18
Tough			262	262
Damp			16	16
Sample			8	8
<i>Peas—</i>				
No. 1 C.E. White			1	1
No. 2 C.E. White	4		1	5
No. 3 C.E. White	3	3	2	8
No. 1 C.W. Small Yellow	4			4
No. 2 C.W. Small Yellow	3			3
No. 3 C.W. Small Yellow	4			4
No. 2 C.W. Large Yellow	1			1
Tough		1	4	5
<i>Corn—</i>				
Extra Dry No. 1 C.E. Yellow			21	21
No. 1 C.E. Yellow		3	153	156
Extra Dry No. 2 C.E. Yellow			52	52
No. 2 C.E. Yellow	1	13	214	228
Extra Dry No. 3 C.E. Yellow	1		23	24
No. 3 C.E. Yellow		5	90	95
Extra Dry No. 4 C.E. Yellow			3	3
No. 4 C.E. Yellow			16	16
Extra Dry No. 5 C.E. Yellow		1	1	2
No. 5 C.E. Yellow	1		9	10
Extra Dry No. 1 C.E. White			20	20
No. 1 C.E. White			29	29
Extra Dry No. 2 C.E. White			18	18
No. 2 C.E. White			32	32
Extra Dry No. 3 C.E. White			3	3
No. 3 C.E. White			2	2
Extra Dry No. 1 C.E. Mixed			2	2
No. 1 C.E. Mixed			2	2
Extra Dry No. 2 C.E. Mixed			1	1
No. 2 C.E. Mixed			4	4
No. 3 C.E. Mixed			1	1
No. 4 C.E. Mixed			1	1
Extra Dry No. 5 C.E. Mixed			1	1
Tough	1	4	314	319
Damp		1	153	154
Moist	2		756	758
Wet			74	74
Sample	1		35	36

GRADES OF CARLOADS INSPECTED—*Concluded*

	Montreal	Toronto	Chatham	Total
<i>Flax—</i>				
No. 1 C.E.....		13		13
No. 2 C.E.....	3	7		10
No. 3 C.E.....	2	2		4
Tough.....	1	10	4	15
Damp.....		1		1
Sample.....	1			1
<i>Soybeans—</i>				
No. 1 C. Yellow.....		7	187	194
No. 2 C. Yellow.....		94	103	197
No. 3 C. Yellow.....		3	16	19
No. 4 C. Yellow.....			3	3
Tough.....		11	149	160
Moist.....			5	5
Damp.....			27	27
Sample.....			4	4
<i>Screenings—</i>				
Uncleaned.....	36	50		86
Refuse.....		8		8

APPENDIX No. 6

REPORT OF CHIEF GRAIN WEIGHMASTER

J. RAYNER, Esquire

Secretary

Board of Grain Commissioners

Winnipeg, Manitoba

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year, 1947-48.

In accordance with Sections 91 and 123 of the Act, weighing services were supplied at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and discharged out of these elevators. At elevators operating under a Mill Elevator licence, weighing services were supplied as required under Section 99, Part II of the Act. In the Eastern Division weighing services were supplied on a fee basis at the following points: Midland, Port McNicoll, Owen Sound, Goderich, Toronto and Sarnia. Weighing services were also available at Montreal.

The equipment used for receiving, shipping and weighing grain in all elevators licensed by the Board where weighing services have been supplied, has been maintained in good condition under the supervision of officers of this Branch.

The inspection of scales in elevators at Port Arthur and Fort William, the Canadian Government Interior Elevators, National Harbours Board Elevator, Port Churchill and all elevators delivering grain to vessels in deep-sea berths at the Pacific Coast were inspected twice during the year—the annual inspection as required by the Weights and Measures Act and Regulations 1929, Chapter 212, Section 50, and the semi-annual inspection on behalf of the Board to assure continued accuracy of these scales. Special inspections were made when it was considered necessary and upon request. In the Eastern Division all scales situated in Eastern Elevators and licensed as Eastern Elevators by the Board, were inspected as required by the Weights and Measures Act. The above inspections were made by the Assistant Chief Weighmaster, Mr. W. H. Comba and myself, and for which certificates of verification were issued.

Complaints received on the outturns of cars unloaded into Terminal Elevators were thoroughly investigated and when the investigation warranted it, adjustments were made or recommended. There were still legitimate complaints of shortages received on the outturns of cars, cause of which is difficult to determine, but apparently due to cars leaking in transit and theft of grain from cars both in transit and in railway yards, in spite of the careful measures taken by the railway companies to prevent it. Due to the fact that a considerable number of new cars are being used in the carriage of grain and greater care exercised in the installation of grain doors, complaints on the outturns of cars have been very few, considering the number of cars unloaded into Terminal and Eastern Elevators.

There is attached statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur and unloaded at American and Canadian Ports. There were 1,075 cargoes loaded during the year. Complaints on the reported outturns on some cargoes were received and thoroughly investigated at the

loading and unloading elevators (when unloaded at Canadian Ports) and where it was discovered that a mishap had occurred at the loading elevator, unloading elevator, or upon examination of the vessel sufficient evidence was found that grain had leaked into the vessel's tanks, adjustments were made or recommended.

Any complaints received on cargoes loaded at Lower St. Lawrence, Atlantic and Pacific Coast Ports were thoroughly investigated and reports made to the Board with recommendations.

The annual audits of grain in store in elevators in the Eastern and Western Divisions were carried out as required under the Act. The stocks of grain in store in Public Terminal, Semi-Public Terminal Elevators and the top four grades of wheat in the Private Terminal Elevators licensed by the Board in the Western Division were weighed over. In the Eastern Division, elevators licensed as Eastern Elevators were also weighed over. There were weighed over in the Eastern Division approximately 17,162,843 bushels and in the Western Division 17,121,095 bushels. Statements of the correct quantities of various grades in store in each of the above elevators mentioned which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustments of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators, in accordance with the provisions of Sections 138 and 138A of the Canada Grain Act.

There are also attached statements showing the average reported shortage of pounds per thousand bushels on vessel shipments from the lakehead to Canadian and American Ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

GRAIN COMMISSION

57

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1947-48
IN ELEVATORS AT THE FOLLOWING POINTS:

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	U.S.A. Beans	Miscellaneous
	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	lbs.
Vancouver and New Westminster.....	39,306,984	1,545,459	912,963	15,017			153,232		5,350,330
Victoria.....									
Prince Rupert.....									
Churchill.....	3,868,844								
Calgary.....	492,394	243,145	2,061,803	4,030	24,990				471,050
Edmonton.....	1,419,608	843,885	265,737	7,470	28,927	3,693			36,860
Lethbridge.....	3,858				157,081				
Moose Jaw.....	6,284	171,773	56,407	2,998	2,707				15,174,380
Saskatoon.....	72,568	104,250	55,632		640,084				614,250
North Transcona.....	389,071	278,504	425,322	2,056	769				3,199,740
	45,559,611	3,187,016	3,777,864	31,571	854,558	3,693	153,232		24,846,610

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	U.S.A. Beans	Miscellaneous
	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	lbs.
Vancouver and New Westminster.....	38,477,136	2,493,083	878,581	14,713	115		153,150		44,359,480
Victoria.....									
Prince Rupert.....									
Churchill.....	4,975,753	40,203							
Calgary.....	479,625	314,756	1,836,329	3,949	22,492				2,009,410
Edmonton.....	1,263,005	843,746	283,162	6,575	22,355	2,982			3,440,810
Lethbridge.....	3,858				134,335				928,330
Moose Jaw.....	6,282	203,733	53,738	2,998	2,478			6,887	11,920,410
Saskatoon.....	79,145	135,059	54,610		451,033				4,038,610
North Transcona.....	372,927	327,539	476,903	2,056	769				4,851,370
	45,657,731	4,358,119	3,583,323	30,291	633,577	2,982	153,150	6,887	71,548,420

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1948

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	151,306,017	404,262	35,008	151,745,287
Oats.....	49,346,394	825,564	16,053	50,188,011
Barley.....	42,240,768	1,063,349		43,304,117
Rye.....	9,810,645	70,306	201,125	10,082,076
Flaxseed.....	9,598,314	9,258		9,607,572
Canadian Corn.....	11,261			11,261
Canadian Western Peas.....	56			56
Mixed Grain.....	47,080,920 lbs.	6,773,680 lbs.		1,077,092
U.S.A. Soybean Oil Meal.....	80,440 lbs.			1,340
Malt Sprouts.....		166,600 lbs.		3,470
All Screenings.....	65,755,693 lbs.	10,049,580 lbs.		1,579,276
Grand Total.....				267,599,558

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	134,589,294	11,570,678	35,063	422,160	146,617,195
Oats.....	34,721,132	15,593,035	16,053	820,576	51,150,796
Barley.....	28,615,945	10,137,461		1,098,705	39,852,111
Rye.....	8,549,033	1,173,587	201,368	71,530	9,995,518
Flaxseed.....	5,933,347	1,254,929		13,626	7,201,902
Canadian Corn.....		17,630			17,630
Canadian Western Peas.....		56			56
Mixed Grain.....	3,192,560 lbs.	10,866,350 lbs.		7,564,852 lbs.	432,475
Mixed Feed Oats Groats.....		700,000 lbs.			14,583
U.S.A. Soybean Oil Meal.....		80,440 lbs.			1,340
Malt Sprouts.....		166,600 lbs.			3,470
All Screenings.....	173,517,196 lbs.	178,993,590 lbs.		10,042,420 lbs.	7,553,191
Grand Total.....					262,840,267

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1947-1948

Keewatin.....	6,546
Winnipeg.....	12,229
Saskatoon.....	5,337
Moose Jaw.....	4,913
Calgary.....	5,790
Edmonton.....	927
Medicine Hat.....	3,775
Lethbridge.....	233
Churchill.....	2,360
Total.....	42,110

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1947-1948

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	10,948	1,574	380
Elevators, excluding Lakehead.....	3,759	739	417
Total.....	14,707	2,313	797

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	9,174	823	202
Elevators, excluding Lakehead.....	2,189	227	110
Total.....	11,363	1,050	312
Total both roads.....	26,070	3,363	1,109

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS
IN WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	3,646	1,265
C.N.R. Yards.....	1,618	507
Total.....	5,264	1,772

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	118,960,791-40	Short 34·28
Oats.....	33,094,058-27	Short 24·16
Barley.....	26,532,610-41	Short 30·28
Rye.....	8,488,938-33	Short 56·47
Flaxseed.....	5,426,109-33	Short 10·66
Mixed Grain.....	9,630,420 lbs.	Short .83 lbs per 1,000 lbs.
Sample Grain.....	4,800,000 lbs.	Short .98 lbs per 1,000 lbs.
Screenings.....	15,507-0120	Short 1·21 lbs per ton.

AMERICAN PORTS

Wheat.....	15,481,860-30	Short 44·12
Oats.....	1,340,461-32	Short 72·99
Barley.....	1,780,296-35	Short 80·76
Rye.....	60,094-36	Short 188·33
Flaxseed.....	507,237-22	Short 55·56
Sample Grain.....	6,160,180 lbs.	Short .08 lbs. per 1,000 lbs.
Screenings.....	66,263-1426	Short .30 lbs. per ton.

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	134,442,652-10	Short 35·41
Oats.....	34,434,520-25	Short 26·06
Barley.....	28,312,907-28	Short 33·46
Rye.....	8,549,033-13	Short 57·40
Flaxseed.....	5,933,346-55	Short 14·50
Mixed Grain.....	9,630,420 lbs.	Short .83 lbs. per 1,000 lbs.
Sample Grain.....	10,960,180 lbs.	Short .48 lbs. per 1,000 lbs.
Screenings.....	81,770-1546	Short .48 lbs. per ton.

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORSFORT WILLIAM, ONT.,
December 23, 1948.The Board of Grain Commissioners,
WINNIPEG, MANITOBA.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1947-48.

ELEVATORS OPERATED

The interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge were operated during the year as public terminal elevators. The elevator at Prince Rupert was licensed as a public terminal, but no grain was handled at that point during the year.

ELEVATOR LEASED

The terminal elevator at Port Arthur, Ontario, continued to be operated by McCabe Grain Co. Ltd., under lease covering a term of five years from August 1, 1944.

TARIFFS OF CHARGES

The tariff of charges for the handling, storing, cleaning and drying of grain, sunflower seed, rapeseed and soybeans was the same as that in effect the previous year.

VOLUME OF GRAIN HANDLED

There was a substantial increase over the previous year in the amount of grain received at all points as shown by the following comparative statement—

Elevator	1946-47	1947-48	Decrease	Increase
	Bus.	Bus.	Bus.	Bus.
Moose Jaw.....	50,864	240,814	.....	189,950
Saskatoon.....	494,987	749,227	.....	254,240
Calgary.....	2,150,596	2,816,609	.....	666,013
Edmonton.....	1,348,748	2,500,794	.....	1,152,046
Lethbridge.....	1,537	138,619	.....	137,082
Prince Rupert.....	Nil	Nil	.....	.....
	4,046,732	6,446,063	.....	2,399,331

In addition to the above there is a considerable movement of rapeseed into Moose Jaw and Saskatoon elevators, to be cleaned for export shipment and domestic processing. The amount received to November 30, 1948, was over 61,000,000 pounds and shipments totalled 22,500,000 pounds.

Shipments of grain during the year amounted to 6,280,642 bushels. Stocks of grain in store in all elevators on November 30, 1948, were 1,911,396 bushels.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

All buildings, equipment and trackage have been maintained as far as possible in good condition, but difficulty is still being experienced in obtaining electrical equipment which is delaying completion of projected replacements and improvements.

The installation of dust control equipment in the Port Arthur and Edmonton elevators, to reduce risks of fire and explosion and improve working conditions, is about 90 per cent completed and the stairwell and passenger elevator at Port Arthur have been enclosed with fireproof walls with approved fire doors at each floor. The installation of four emergency exits at Port Arthur elevator has been completed.

A contract is being negotiated for the installation of a dust control system to include the trackshed, workhouse and storage annex basement at the Calgary elevator.

At the Port Arthur elevator 4 receiving leg pits have been repaired and relined with concrete to overcome seepage as these pits are below lake level. Similar work is proceeding on other pits. Steel columns supporting the trackshed roof have been repaired and extensive repairs made to the grain drying plant including the steam boilers.

At Moose Jaw a two-ton motor truck for transporting the staff was purchased to replace the one-ton truck which was found to be quite inadequate for the services required.

At the Edmonton elevator two new needle machines were installed to facilitate cleaning of barley for seed purposes. At Lethbridge two new flax cleaners were installed.

At Calgary the spur track connecting the Canadian National lines with the elevator trackage was re-laid with 80-85 lb. rail in place of 56 lb. rail. The trackage at all elevators has been maintained in good condition. Repairs carried out include the installation of 1,868 track ties, 75 switch ties and 4,000 tie plates.

STAFF

Mr. William J. McMullen, Superintendent of the Calgary elevator, retired at the age of 67 years on December 16, 1948, after fourteen years of efficient service.

Mr. Edwin C. Millar, Superintendent of the Lethbridge elevator, was appointed to succeed Mr. McMullen.

Mr. F. A. Howell, Electrician and Millwright at the Calgary elevator, retired on January 1, 1948, on account of ill-health. Mr. Howell had completed 32 years of meritorious service at Moose Jaw and Calgary elevators.

It is with regret that we record the death of Mr. William Finlayson, Superintendent of the Prince Rupert elevator, which occurred on September 24, 1948, at the age of 51 years. Mr. Finlayson was a most conscientious and competent official.

FINANCIAL RESULTS OF OPERATIONS

For the fiscal year ended March 31, 1948, earnings from all sources were \$289,285.90, an increase of \$34,481.18 over the earnings for the previous year. The largest increases were in Cleaning, \$22,413.12, Elevation, \$24,162.46 and Sales of Screenings, \$10,810.82. Storage earnings showed a decrease of \$36,217.89.

Expenditures amounted to \$420,568.80, an increase of \$47,797.88 over the previous year, due largely to higher costs of labour and supplies.

The net result was a deficit of \$131,282.90, an increase of \$13,316.70 over the deficit for the previous fiscal year.

Following the procedure of former years, no provision is made in the financial statements for depreciation of plants and equipment, expenditures for maintenance of which are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,
December, 22, 1948.

Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1948.

Owing to excellent fall weather and the rapidity of the harvest, the numbers of samples required for adequate estimation of the quality of the 1948 crops were obtained earlier than usual. Accordingly, more reliable information was made available to the Western Committee on Grain Standards, and crop bulletins and protein maps were distributed in good time.

The 1948 crop of hard red spring wheat was distinctly higher than the 1947 crop in bushel weight and flour yield, slightly lower in protein content, but equal or superior in gassing power, water absorption, dough-handling qualities, and general baking strength. Nos. 1, 2, and 3 Northern differed in bushel weight but were about equal in baking strength. Both durum wheat and barley were also higher in bushel weight and lower in protein content in 1948 than in 1947. Over 70 per cent of the durum crop was excluded from the first two grades because farmers continue to grow Pelissier and Golden Ball. The two top grades were superior in macaroni-making quality to corresponding grades of the 1947 crop. Malting barleys were of about the same general malting quality in the two years. The flax crop was higher in oil content and iodine value than the crop of the previous year.

The laboratory gave the usual assistance to the Inspection Branch in the preparation of tentative export standard samples of hard red spring wheat and durum wheats. This work involved many protein determinations on type samples of bread wheat, and colour tests on samples of durum wheat. Increases in the production of mustard seed and rapeseed necessitated the standardization and setting up of auxiliary electric meter tests to handle large numbers of truck and bag lots of these seeds at certain inspection offices. Other routine work of the laboratory was continued as usual, and further progress was made in devising procedures designed to increase efficiency.

Collaborative studies with other institutions include the usual services to plant breeders producing new varieties of bread wheat, durum wheat, and malting barley. A special project involved protein determinations on 590 hybrid lines from which the Department of Agriculture expects to produce an improved variety of sawfly-resistant wheat. The laboratory also co-operated with the Northwest Crop Improvement Association in a study of American varieties, and with the Northwest Line Elevator Association in the study of Australian varieties. Work on the effects of 2,4-D on cereals was undertaken in collaboration with the University of Manitoba. Baking tests were made as an aid in studies of the drying of gluten, and certain other studies were initiated, at the request of the National Research Council. The laboratory continues to serve as a source of technical information on cereals to a large number of individuals and institutions throughout Canada.

The proposed degrading of Red Bobs in 1951 required that information on which this decision was based be presented to farmers in Alberta. For this purpose, a visit was made to the Peace River area. With other members of the Board, the writer also attended meetings called by the Alberta Federation of Agriculture in Edmonton and Calgary, and a meeting of Alberta Wheat Pool delegates in Calgary.

Research in the bread wheat section is centred mainly on examination of the part that interactions between proteins and carbohydrates may play in contributing to dough quality. This program originated from initial studies of the differences between Thatcher and Rescue wheats. A further study deals with the diffusion of gases through dough membranes, and special equipment for this investigation has been designed and constructed. In the durum laboratory, good progress has been made with studies of the kinetics of reactions responsible for the disappearance of colour from semolina during processing; and this has already led to increased understanding of certain differences between durum varieties. As an outgrowth of studies of nitrogen fractions in relation to wort quality, the malting section is now making a special study of viscosity in worts; one of the compounds principally responsible for increased viscosity has been partially isolated. The major investigation in the analytical section comprised a comparative study of ten electrical moisture meters, which has now been largely completed. The G.R.L. Meter, designed and constructed in the laboratory, proved to be as accurate as any other dielectric type, but was surpassed by two meters employing the resistance principle. Additional work in this section relates to investigation of the protein contents of individual kernels of wheat; these studies have implications relating to both grading and plant breeding.

During the year, the laboratory sent to the Board forty-three reports of which eleven were published. The published reports comprised four crop bulletins, two protein maps, and seven press releases, giving information on the quality of the 1948 crops of bread wheat, durum wheat, barley and flax. Twelve papers were published during the year or are now in press, and two additional papers are in course of preparation.

During the summer of 1948, the staff attained its full quota for the first time since expansion was authorized in December, 1945. Two positions for Chemists Grade I were temporarily filled for five months; but a competition has now been held, and qualified persons can be appointed next spring. Messrs. Irvine and Cunningham are on leave of absence to complete post-graduate studies for the degree of Ph.D. Dr. Paull received the doctorate last June and returned to his position in July.

A detailed report on the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1948

(a) WINNIPEG—

Revenue

Licence Fees.....		29,345 00	
Registration.....	12,392 30		
Cancellation Fees.....	12,236 97		
		24,629 27	
Inspection Fees.....	188,604 62		
Overtime.....	210 00		
Samples Sold.....	13,046 74		
Cargo Certificate Splits.....	209 10		
Refund Express.....	1,881 00		
Sampling Fees.....	621 70		
		204,573 16	
Appeal Fees.....		1,071 00	
Weighing Fees.....	18,259 91		
Overtime.....	418 60		
Condition Reports.....	230 75		
		18,909 26	
Executive Offices—Previous Year's Expenditures.....		5 74	
			278,533 43

*Expenditure**Board and Executive Offices*

Salaries—			
Commission and Secretary.....	36,917 48		
Secretary's Office.....	14,626 87		
Licence and Bonding.....	13,596 02		
Rents—			
Executive Office.....	3,244 30		
Licence and Bonding.....	1,054 44		
Travelling Expenses—			
Grain Commission.....	1,977 74		
General Expenses—			
Grain Commission.....	5,266 25		
Licence and Bonding.....	607 15		
Printing and Stationery—			
Grain Commission.....	3,041 28		
Licence and Bonding.....	814 23		
		81,145 76	

Assistant Commissioner's Office

Salaries.....	8,952 63		
Rent.....	543 12		
Travelling Expenses.....	124 55		
General Expenses.....	346 37		
		9,966 67	

Grain Research Laboratory

Salaries.....	65,489 99		
Rent.....	9,378 20		
Travelling Expenses.....	926 52		
General Expenses.....	24,517 04		
Printing and Stationery.....	1,898 54		
		102,210 29	

Registration

Salaries.....	13,241 98		
Rent.....	1,381 44		
General Expenses.....	1,637 82		
Printing and Stationery.....	402 60		
		16,663 84	

Accounts

Salaries.....	11,541 34		
Printing and Stationery.....	181 29		
General Expenses.....	176 07		
		11,898 70	

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—Continued

(a) WINNIPEG—Concluded

Inspection Branch—

Salaries.....	354,447 92	
Rent.....	15,848 60	
Travelling expenses.....	1,193 54	
General Expenses.....	16,230 87	
Printing and Stationery.....	4,533 56	
		392,254 49

Weighing Branch

Salaries.....	33,080 90	
Rent.....	1,282 92	
General Expenses.....	376 52	
		34,740 34

Grain Appeal Tribunal

Salaries.....	4,185 33	
Rent.....	369 12	
General Expenses.....	806 67	
Printing and Stationery.....	1 26	
		5,362 38

Grain Standards Committee

Travelling Expenses.....	1,293 08	
General Expenses.....	1,290 00	
		2,583 08

656,825 55

(b) CHURCHILL—

Revenue—

Inspection Fees.....	8,097 14	
Overtime.....	396 50	
		8,493 64
Weighing Fees.....	8,097 18	
Overtime.....	313 90	
		8,411 08

16,904 72

Inspection Branch

Salaries.....	4,190 13	
Travelling Expenses.....	1,876 50	
		6,066 63

Weighing Branch—

Salaries.....	2,793 01	
Travelling Expenses.....	1,505 94	
		4,298 95

10,365 58

(c) KEEWATIN—

*Revenue—**Inspection Branch—*

Overtime.....		173 00
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Weighing Branch—

Weighing Fees.....	7,349 00	
Overtime.....	224 90	
		7,573 90

7,746 90

Expenditure—

Salaries—Inspection.....		1,910 00
Salaries—Weighing.....	5,804 90	
General Expenses—Weighing.....	32 00	
		5,836 90

7,746 90

(d) SASKATOON—

Revenue—

Inspection Fees.....	6,471 53	
Overtime.....	60 00	
Samples Sold.....	503 67	
		7,035 20
Weighing Fees.....	7,328 31	
Overtime.....	140 40	
		7,468 71

14,503 91

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	8,272 00	
Travelling Expenses.....	386 57	
General Expenses.....	83 74	
Printing and Stationery.....	10 25	
		8,752 56

GRAIN COMMISSION

67

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—Continued

(d) SASKATOON—Concluded—

*Expenditure—Concluded**Inspection Branch—*

Salaries.....	15,662 68	
Rent.....	877 00	
General Expenses.....	560 32	
Printing and Stationery.....	195 19	
		17,295 19

Weighing Branch—

Salaries.....	12,502 80	
General Expenses.....	15 00	
		12,517 80

38,565 55

(e) MOOSE JAW—

Revenue—

Inspection Fees.....	6,666 66	
Overtime.....	651 90	
Samples Sold.....	542 44	
Sampling Fees.....	443 00	
		8,304 00
Weighing Fees.....	6,588 21	
Overtime.....	636 25	
		7,224 46

15,528 46

*Expenditure—**Inspection Branch—*

Salaries.....	16,995 90	
Rent.....	1,125 00	
General Expenses.....	1,161 23	
Printing and Stationery.....	302 01	
		19,584 14

Weighing Branch—

Salaries.....	11,531 59	
General Expenses.....	7 00	
		11,538 59

31,122 73

(f) MEDICINE HAT—

Revenue—

Inspection Fees.....	3,217 00	
Samples Sold.....	424 31	
		3,641 31
Weighing Fees.....		4,298 04

7,939 35

*Expenditure—**Inspection Branch—*

Salaries.....	3,128 75	
Rent.....	240 00	
General Expenses.....	165 53	
Printing and Stationery.....	107 03	
		3,641 31

Weighing Branch—

Salaries.....	4,298 04	
---------------	----------	--

7,939 35

(g) LETHBRIDGE—

Revenue—

Inspection Fees.....	495 56	
Samples Sold.....	156 65	
		652 21
Weighing Fees.....		259 06

911 27

*Expenditure—**Inspection Branch—*

Salaries.....	3,010 45	
General Expenses.....	159 14	
Printing and Stationery.....	15	
		3,169 74

Weighing Branch—

Salaries.....	2,790 00	
Travelling Expenses.....	185 51	
General Expenses.....	5 50	
		2,981 01

6,150 75

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—Continued

(h) CALGARY—

Revenue—

Inspection Fees.....	30,529 36	
Samples Sold.....	1,736 07	
Express Charges.....	192 50	
		32,457 93
Weighing Fees.....	13,506 11	
Overtime.....	400 60	13,906 71
Appeal Fees.....		963 00

47,327 64

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	6,598 61	
Rent.....	828 00	
Travelling Expenses.....	694 24	
Printing and Stationery.....	33 74	
General Expenses.....	296 97	
		8,451 56

Inspection Branch—

Salaries.....	55,922 20	
Rent.....	3,001 00	
Travelling Expenses.....	1,903 40	
Printing and Stationery.....	788 65	
General Expenses.....	3,224 94	
		64,840 19

Weighing Branch—

Salaries.....	23,662 37	
Rent.....	314 04	
General Expenses.....	216 69	
		24,193 10

Grain Appeal Tribunal—

Salaries.....	3,999 96	
Rent.....	420 00	
Printing and Stationery.....	10 36	
General Expenses.....	733 07	
		5,163 39

102,648 24

(i) EDMONTON—

Revenue—

Inspection Fees.....	31,232 74	
Overtime.....	68 20	
Samples Sold.....	1,565 96	
Express Charges.....	216 50	
		33,083 40
Weighing Fees.....	6,491 68	
Overtime.....	172 10	
		6,663 78
Appeal Fees.....		696 00

40,443 18

*Expenditure—**Inspection Branch—*

Salaries.....	53,737 32	
Rent.....	3,999 00	
Travelling Expenses.....	86 75	
General Expenses.....	2,322 92	
Printing and Stationery.....	501 69	
		60,647 68

Weighing Branch—

Salaries.....	12,286 52	
General Expenses.....	262 91	
		12,549 43

Grain Appeal Tribunal—

Salaries.....	4,755 96	
Rent.....	532 50	
Printing and Stationery.....	1 46	
General Expenses.....	543 86	
		5,833 78

79,030 89

GRAIN COMMISSION

69

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—Continued

(j) VANCOUVER—

Revenue—

Inspection Fees.....	57,436 85	
Overtime.....	1,028 50	
Samples Sold.....	3,873 55	
		62,338 90
Weighing Fees.....	91,098 88	
Overtime.....	1,278 05	
		92,376 93
Registration Fees.....	2,122 36	
Cancellation Fees.....	2,029 54	
		4,151 90
		158,867 73

Expenditure—

Inspection Branch—

Salaries.....	90,046 42	
Rent.....	5,193 25	
Travelling Expenses.....	1,786 53	
General Expenses.....	2,191 99	
Printing and Stationery.....	1,588 52	
		100,806 71

Weighing Branch—

Salaries.....	85,638 01	
Rent.....	2,022 00	
Travelling Expenses.....	1,099 05	
General Expenses.....	1,508 78	
Printing and Stationery.....	85 70	
		90,353 54

Registration Branch—

Salaries.....	4,628 67	
Rent.....	1,342 25	
Travelling Expenses.....	193 05	
General Expenses.....	205 65	
Printing and Stationery.....	1 88	
		6,371 50

197,531 75

(k) FORT WILLIAM—

Revenue—

Inspection Fees.....	292,863 06	
Overtime.....	9,931 80	
Samples Sold.....	15,846 82	
Sundries.....	98 83	
		318,740 51
Weighing Fees.....	464,855 08	
Overtime.....	7,568 30	
Sundries.....	56 00	
		472,479 38
		791,219 89

Expenditure—

Inspection Branch—

Salaries.....	416,410 97	
Rent.....	13,494 62	
Travelling Expenses.....	4,087 13	
General Expenses.....	9,975 15	
Printing and Stationery.....	4,705 91	
		448,673 78

Weighing Branch—

Salaries.....	288,925 92	
Rent.....	2,779 58	
Travelling Expenses.....	9,987 76	
General Expenses.....	3,015 65	
Printing and Stationery.....	1,818 53	
		306,526 84

Assistant Commissioner's Office—

Salaries.....	9,266 04	
Rent.....	589 00	
Travelling Expenses.....	12 60	
General Expenses.....	204 68	
Printing and Stationery.....	12 40	
		10,084 72

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—Continued

(k) FORT WILLIAM—Concluded—

*Expenditure—Concluded**Statistical Branch—*

Salaries.....	53,851 07	
Rent.....	4,227 06	
Travelling Expenses.....	489 78	
General Expenses.....	2,986 94	
Printing and Stationery.....	2,816 86	
		64,371 71

829,657 05

(l) TORONTO—

Revenue—

Inspection Fees.....	1,427 27	
Overtime.....	14 00	
Samples Sold.....	30 50	
Sampling Fees.....	28 00	
		1,499 77

1,499 77

*Expenditure—**Inspection Branch—*

Salaries.....	5,660 00	
Rent.....	555 00	
General Expenses.....	253 86	
		6,468 86

6,468 86

(m) MONTREAL—

Revenue—

Inspection Fees.....	1,443 13	
Overtime.....	120 50	
Cargo Certificate Splits.....	441 20	
Samples Sold.....	158 40	
Sampling Fees.....	1,051 60	
		3,214 83
Registration Fees.....	3,610 01	
Cancellation Fees.....	3,545 29	
		7,155 30

10,370 13

*Expenditure—**Inspection Branch—*

Salaries.....	44,257 21	
Rent.....	2,384 55	
Travelling Expenses.....	3,221 22	
General Expenses.....	797 71	
Printing and Stationery.....	188 36	
		50,849 05

Weighing Branch—

Salaries.....	2,550 00	
Rent.....	516 25	
Travelling Expenses.....	77 25	
General Expenses.....	141 10	
Printing and Stationery.....	404 23	
		3,688 83

Registration Branch—

Salaries.....	6,277 08	
Rent.....	590 00	
General Expenses.....	333 63	
Printing and Stationery.....	341 20	
		7,541 91

62,079 79

(n) CHATHAM—

Revenue—

Inspection Fees.....	3,875 84	
Overtime.....	5 60	
Samples Sold.....	566 07	
Sampling Fees.....	7,758 99	
Sundries.....	3 00	
		12,209 50

12,209 50

*Expenditure—**Inspection Branch—*

Salaries.....	15,013 41	
Rent.....	484 00	
Travelling Expenses.....	7,846 87	
General Expenses.....	1,353 17	
Printing and Stationery.....	80 75	
		24,778 20

24,778 20

GRAIN COMMISSION

71

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1948—*Concluded*

(o) VICTORIA—

Revenue—

Inspection Fees.....	56 89	
Overtime.....	6 00	
	<hr/>	62 89
Weighing Fees.....	56 89	
Overtime.....	9 20	
	<hr/>	66 09
		<hr/>

128 98

Expenditure—

Salaries—Inspection.....	62 89	
Salaries—Weighing.....	66 09	
	<hr/>	128 98

TRADE AND COMMERCE

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

[illegible]

GRAIN COMMISSION

73

EXPENDITURES

Winnipeg.....	392,254 49	34,740 34	5,362 38	16,663 84	91,112 43	.....	11,898 70	102,210 29	2,583 08	656,825 55
Churchill.....	6,066 63	4,298 95	.....	.....	.....	.....	.....	.....	.....	10,305 58
Keewatin.....	1,910 00	5,836 90	.....	.....	.....	.....	.....	.....	.....	7,746 90
Saskatoon.....	17,295 19	12,517 80	.....	.....	8,752 56	.....	.....	.....	.....	38,565 55
Moose Jaw.....	19,584 14	11,538 59	.....	.....	.....	.....	.....	.....	.....	31,122 73
Medicine Hat.....	3,641 31	4,298 04	.....	.....	.....	.....	.....	.....	.....	7,939 35
Lethbridge.....	3,169 74	2,981 01	.....	.....	.....	.....	.....	.....	.....	6,150 75
Calgary.....	64,840 19	24,193 10	5,163 39	.....	8,451 56	.....	.....	.....	.....	102,648 24
Edmonton.....	60,647 68	12,549 43	5,833 78	.....	.....	.....	.....	.....	.....	79,030 89
Vancouver.....	100,806 71	90,353 54	.....	6,371 50	.....	.....	.....	.....	.....	197,531 75
Fort William.....	448,673 78	306,526 84	.....	.....	10,084 72	64,371 71	.....	.....	.....	829,637 05
Toronto.....	6,468 86	.....	.....	.....	.....	.....	.....	.....	.....	6,468 86
Montreal.....	50,849 05	3,688 83	.....	7,541 91	.....	.....	.....	.....	.....	62,079 79
Chatham.....	24,778 20	.....	.....	.....	.....	.....	.....	.....	.....	24,778 20
Victoria.....	62 89	66 09	.....	.....	.....	.....	.....	.....	.....	128 98
Total.....	1,201,048 86	513,589 46	16,359 55	30,577 25	118,401 27	64,371 71	11,898 70	102,210 29	2,583 08	2,061,040 17

Total Revenue.....	1,404,134 86
Total Expenditure.....	2,061,040 17
Net Deficit.....	656,905 31

SUMMARY OF OPERATION BY BRANCHES

REVENUE

—	Inspection		Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	632,417	65	628,188	35	2,730	00	35,936	47	29,345	00									1,328,617	47
Overtime.....	12,666	00	11,162	30															23,828	30
Sampling.....	9,903	29																	9,903	29
Express Charges.....	2,290	00																	2,290	00
Cargo Splits.....	650	30																	650	30
Samples Sold.....	38,451	18																	38,451	18
Condition Reports.....			230	75															230	75
Sundries.....	101	83	56	00															157	83
Previous Year's Expenditure.....									5	74									5	74
Total.....	696,480	25	639,637	40	2,730	00	35,936	47	29,350	74									1,404,134	86

EXPENDITURE

Salaries.....	1,080,456	25	485,930	15	12,941	25	24,147	73	98,229	65	53,851	07	11,541	34	65,489	99			1,832,587	43
Rents.....	47,202	02	6,914	79	1,321	62	3,313	69	6,258	86	4,227	06			9,378	20			78,616	24
Travel.....	22,001	94	12,855	51			193	05	3,195	70	489	78			926	52			40,955	58
Expenses.....	38,396	83	5,580	55	2,083	60	2,177	10	6,805	16	2,986	94	176	07	24,517	04	1,290	00	84,013	29
Printing and Stationery.....	12,991	82	2,308	46	13	08	745	68	3,911	90	2,816	86	181	29	1,898	54			24,867	63
Total.....	1,201,048	86	513,589	46	16,359	55	30,577	25	118,401	27	64,371	71	11,898	70	102,210	29	2,583	08	2,061,040	17

Total Revenue..... 1,404,134 86

Total Expenditure..... 2,061,040 17

Net Deficit..... 656,905 31

APPENDIX No. 10

BOARD OF GRAIN COMMISSIONERS FOR CANADA

REGULATIONS IN FORCE DECEMBER 31, 1948

Regulation No.	Subject
1	Registration and Cancellation of Terminal Elevator Warehouse Receipts.
2	Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
3	Construction of Elevators.
4	Cleaning Grain and Bins, Terminal Elevators.
5	Off Grades for Western Grain.
6	Off Grades for Eastern Grain.
7	Grades of Screenings.
8	Inspection of Samples taken other than at an Inspection Point.
9	Appeals from Inspection Officers to Grain Appeal Tribunals.
10	Delivery of Grain to Ocean Vessels at Montreal, P.Q.
11	Delivery of Grain to Ocean Vessels at West St. John, N.B.
12	Delivery of Grain to Ocean Vessels at East St. John, N.B.
13	Delivery of Grain to Ocean Vessels at Halifax, N.S.
14	Enforcement of Lien by Sale of Grain.
15	Drying of Grain.
16	Fees.
17	Records, Reports and Returns.
18	Procedure, Country Elevators.
19	Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
20	Maximum Tariff of Charges, Eastern Elevators.
21	Maximum Tariff of Charges and Shrinkage Allowance, Country Elevators.
22	Maximum Tariff of Charges, Terminal Elevators.

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A56

DEPARTMENT OF TRADE AND COMMERCE

OTTAWA, CANADA

Minister

RT. HON. C. D. HOWE, M.P.

Deputy Minister

M. W. MACKENZIE

ANNUAL REPORT

OF THE

Board of Grain Commissioners for Canada

FOR THE YEAR

1949



OTTAWA

EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,

PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

CONTROLLER OF STATIONERY

1950

TABLE OF CONTENTS

REPORT OF BOARD:	PAGE
General Conditions.....	5
Storage of Grain—Country Elevators.....	5
Overages—Country Elevators.....	6
Inspection of Grain.....	6
Quality of Shipments ex Pacific Ports.....	7
Direct Shipments of Grain to Eastern Canada.....	7
Fees for Grain Inspection.....	8
Weighing of Grain.....	8
Elevator Charges.....	8
Regulations of the Board.....	9
Lake Freight Rates.....	9
Audit of Stocks, Terminal and Eastern Elevators.....	9
Assistant Commissioners.....	9
Canadian Government Elevators.....	10
Committees on Grain Standards.....	10
Wheat Bonus.....	10
Prairie Farm Assistance Act.....	10
Exhibit at Brandon Winter Fair.....	10
Personnel.....	10
Expenditure and Revenue.....	11
APPENDICES:	
No. 1—Report of Secretary.....	12
(a) Complaints.....	12
(b) Prosecutions.....	13
(c) Defaults.....	13
(d) Cars out of Turn.....	13
(e) Receipt of Wheat into Country Elevators from Railway Cars.....	13
(f) Report of Licensing Officer.....	13
(g) Summary of Licences.....	16
(h) Grain-loading Platforms.....	17
(i) Prairie Farm Assistance Act—One Per Cent Levy.....	17
(j) Statistics.....	17
(k) Annual Weighover, Terminal Elevators.....	31
No. 2—Personnel—Committees on Grain Standards.....	40
3—Personnel—Grain Appeal Tribunals.....	41
4—Report of Registrar of Warehouse Receipts.....	42
5—Report of Chief Grain Inspector.....	44
6—Report of Chief Grain Weighmaster.....	54
7—Report of General Manager, Canadian Government Elevators.....	59
8—Report of Chief Chemist.....	62
9—Report of Revenue and Expenditure.....	64
10—Regulations of the Board.....	74

BOARD OF GRAIN COMMISSIONERS FOR CANADA

REPORT OF THE BOARD

WINNIPEG, MANITOBA,
January 23, 1950.

Right Honourable C. D. HOWE, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1949 in compliance with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

Production of all the main cereal grains and flaxseed in 1949 showed an appreciable reduction from the previous year. While there was an increase of nearly three and one-half million acres seeded to wheat, production was twenty-five million bushels less. There was a slight increase in acreage sown to oats, but the barley acreage was nearly one-half million acres less. In rye and flaxseed reductions were approximately one million and one and a half million acres respectively.

	1948		1949	
	Acres	Production (Million)	Acres	Production (Million)
Wheat.....	24,105,900	393.3	27,540,700	367.4
Oats.....	11,200,500	358.8	11,388,900	316.6
Barley.....	6,495,300	155.0	6,016,700	120.4
Rye.....	2,103,100	25.3	1,181,600	10.0
Flaxseed.....	1,876,500	17.7	321,100	2.3

At July 31, 1949, the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to 213,493,356 bushels as compared with 160,170,259 bushels the year before.

Lakehead shipments by vessel during the 1949 season of navigation amounted to 265 million bushels for the five principal grains, an increase of 45.2 millions from the 1948 season. At December 31, 1949, 45.9 million bushels of grain was in store at the Lakehead as compared with 33.8 millions the previous year.

Pacific Coast overseas shipments for the crop year ended July 31, 1949, were 60.7 million bushels compared with 36.9 millions in the previous crop year. During the first five months of the current crop year shipments were 26.8 million bushels compared with 12.4 millions in the same period last year. Stocks at December 31, 1949, were 10 million bushels, all grains.

Churchill shipments during the 1949 shipping season totalled 5,527,535 bushels of wheat, an increase of 213,193 bushels over 1948. At December 31, 1949, only 125,965 bushels remained in store in this port.

STORAGE OF GRAIN—COUNTRY ELEVATORS

The proceedings *re* the improper discharge of grain from a country elevator in contravention of Section 103 of The Canada Grain Act, reported in the last report of the Board, have been concluded. The licensee was convicted and fined one hundred dollars and costs.

On July 29, 1949, the Board made a new Regulation No. 23 entitled, "Applications for Licences and Terms and Conditions under which Licences Issued", one of the provisions of which is, "All grain received for storage at any licensed elevator shall be stored in the building, or buildings, described in the application for licence and not otherwise". In September, 1949, three cases of breaches of this provision were investigated by the Board, and the licensees, having admitted the breaches, were ordered by the Board, in accordance with the provisions of Section 81 of The Canada Grain Act, to pay, by way of penalty, the sum of one hundred dollars in each case.

The Board also investigated a complaint regarding the deduction by a country elevator operator of shrinkage on certain grain delivered in excess of the amounts authorized under the Board's Regulation No. 21. The breach of the regulation being admitted, the licensee was ordered by the Board, in accordance with the provisions of Section 85 of the Canada Grain Act, to pay, by way of penalty, the sum of twenty-five dollars.

OVERAGES—COUNTRY ELEVATORS

As reported in the Board's Report for 1948, the allowance for invisible loss and shrinkage at country elevators was reduced effective August 1, 1948. The results of the handlings of grain at country elevators during the crop year ended July 31, 1949, show that the total net overages accumulated at 5,132 elevators amounted to only 104,125 bushels or .02% on total handlings of 523,948,760 bushels as compared with 868,753 bushels or .19% on total handlings in the previous crop year. While in the 1947-48 crop year overages were accumulated in all grains except flax and corn, in 1948-49 overages appeared only in oats and barley, which in value were more than offset by shortages in wheat, rye, flax and corn. The results at the different elevators vary very considerably, as shown by the following statement:

Number of elevators reporting shortages	2,259
Number of elevators reporting neither shortage nor overage.....	52
Number of elevators reporting overages of less than .25%.....	2,239
Number of elevators reporting overages between .25% and .50%.....	466
Number of elevators reporting overages over .50%.....	116
	<hr/> 5,132

The Board is continuing its policy of investigating and warning operators who continue to accumulate excessive overages.

INSPECTION OF GRAIN

In certain sections of the Prairies the unusually low moisture content in wheat of the 1949 crop tended to create, during threshing and subsequent handling, more than the usual amount of broken or split kernels, with the result that difficulty was encountered in August by the terminal elevator operators at the Lakehead in keeping the percentage of broken or split kernels in shipments of Manitoba One Northern down to the three per cent allowed in the export standard for this grade.

This was a matter of deep concern to the Board, as it is essential that overseas shipments be maintained strictly in accord with the standards established.

On August 29 the Board issued a press and radio release pointing out the prevalence of broken kernels, and urged producers to take all possible precautions during combining or threshing operations to minimize their losses through broken and split grain.

To overcome the difficulty at certain terminal elevators, changes were made by operators in the sieves used for cleaning wheat to reduce the risk of breaking during the cleaning process. In order to make it reasonably possible for the terminal elevators to clean this One Northern wheat to standards required for export, the Board found it necessary on August 30, to amend the grading instruction on primary grading, which permitted the grading as Manitoba One Northern of wheat containing four per cent broken or split kernels, with dockage assessed for the extra one per cent, so that wheat containing over three per cent of broken or split kernels would not be eligible for the grade of Manitoba One Northern. This change caused some loss to operators of country elevators who had, during August, taken in and still held as Manitoba One Northern wheat containing four per cent of split or broken kernels. In order to maintain the quality of exports, however, this could not be avoided.

QUALITY OF SHIPMENTS EX PACIFIC PORTS

In October, 1949, complaint was made by the Cereal Import Committee of the United Kingdom Ministry of Food regarding the low protein content of shipments from Pacific Coast ports as compared with pre-war years when the difference between Atlantic and Pacific shipments was not so marked. The pre-war period was one of very-high-quality crops, due partially to drought conditions, and the difference in quality between Atlantics and Pacifics is much more pronounced when the general quality of the crop is low than when it is high. The shipments complained of were equal in all respects to the export standards for the different grades. Tests by the Board's Research Laboratory indicate that the protein content of shipments from Pacific Coast ports during October, November and December is higher than in August and September.

DIRECT SHIPMENTS OF GRAIN TO EASTERN CANADA

During the War, to obtain the maximum use of the railway cars available, the minimum loads were raised, with the result that the Board's sampling staffs were not always able to procure a proper representative sample from the cars when they were sampled at an inspection point. This applied especially to shipments of feed grains direct from western country points to Eastern Canada under the Freight Assistance Policy.

When peace-time minimum loads were re-established, and on representations to the Board by the officer in charge of the Feeds Administration, it was considered desirable, in order to eliminate any cause for complaint in regard to the quality or seed content of this grain, to take steps to ensure that the grade and dockage of the grain be established at the primary inspection point, there being no facilities for reinspection at the various points of unload.

On April 11, 1949, the Board instructed the Chief Grain Inspector not to give inspection service on cars of grain billed to Eastern Canada direct from country points if the grain therein was loaded too high to permit of proper representative samples being drawn by the sampling staffs.

While certain shippers protested this ruling, the Board is of the opinion it is in the best interests of the shipper and the consumer.

FEES FOR GRAIN INSPECTION

Effective, August 1, 1949, the fees charged by the Board for the inspection of grain were increased from \$1.00 per car to \$2.00 per car for grain sampled and inspected in carload lots, and from \$1.00 to \$2.00 per thousand bushels for grain inspected on delivery from terminal elevators. This was the first increase since 1920 and was necessitated by increased costs and extension of service in this connection given to producers and grain handlers.

WEIGHING OF GRAIN

A matter of much concern to the Board has been the number of unsatisfactory outturns of cargoes of grain shipped from the Lakehead to elevators in the Eastern Division during 1949. As investigation of the loading records at the terminal elevators at the Lakehead where the grain was weighed by the Board's weighmen failed to uncover any evidence as to the cause of these unsatisfactory outturns, the Board instructed the Chief Grain Weighmaster to detail a special weighing crew to proceed to certain Eastern elevators to check the weighing of grain cargoes by the elevator employees.

While the Board's investigations have not been completed, there is reason to believe that the operational standards vary at different Eastern elevators. Damaged grain left in vessels is not always reported and sufficient attention is not always paid to cleaning up the vessel holds when unloading is completed.

The Board has instructed the Chief Grain Weighmaster to continue to check the weighing of grain at certain Eastern elevators at the beginning of the next season of navigation.

ELEVATOR CHARGES

After considering the submissions made at public meetings held in Toronto, Vancouver and Winnipeg, the Board authorized, effective August 1, 1949, the following increases in the maximum tariffs of charges applicable at elevators licensed under the Canada Grain Act:

COUNTRY ELEVATORS

Elevation charges on oats	from 1½c. to 2c. per bushel
---------------------------	-----------------------------

TERMINAL ELEVATORS at Fort William, Port Arthur, Pacific Coast and Churchill

Elevation charges on wheat,	from 1½c. to 2c. per bushel
oats, barley and corn	
rye	from 2½c. to 2¾c. per bushel
flax	from 3¼c. to 3½c. per bushel
mixed grain	from 3¼c. to 3½c. per hundred pounds

GOVERNMENT INTERIOR TERMINAL ELEVATORS

Elevation charges on mixed grain	from 1½c. to 2c. per hundred pounds
Storage—Free storage period reduced	from fifteen to ten days

ALL TERMINAL ELEVATORS

Preparing cars for loading when paper is used	from \$6.00 to \$8.00 per car
---	-------------------------------

RETURNS FROM DOCKAGE

Deduction from the return for screenings of 2% of gross weight of shipments of flax assessed dockage of 5½% or more increased to 2½%.

EASTERN ELEVATORS—Georgian Bay and Lower Lake Ports and Upper St. Lawrence Group:

Storage Charge

from 1/30th to 1/25th of one cent per bushel per day

LOWER ST. LAWRENCE GROUP

Elevation Charges

Receiving from single-deck vessels	from \$7.75 to \$8.00 per thousand bushels
Receiving from double-deck vessels	from \$8.75 to \$9.25 per thousand bushels
Receiving from ocean vessels	from \$9.50 to \$10.00 per thousand bushels
Receiving from railway cars	from \$7.50 to \$8.00 per thousand bushels

ATLANTIC PORTS

Elevation Charge

from 1.325c. to 1.375c. per bushel

Country elevator licensees pressed for an increase in the allowance to cover invisible loss and shrinkage in handling which had been reduced at the beginning of the 1948-49 crop year. However, the Board declined to make any increase, but agreed to reconsider the applications when results of the 1948-49 handlings became available. These results show that while an increased number of elevators recorded losses, the total handlings at all country elevators showed an overage of 104,125 or .02% of the total handlings of 523,948,760 bushels, as compared with an overage of 868,753 bushels or .19% of the total handlings of 455,504,276 bushels in the previous crop year, when the allowance was approximately double the allowance now authorized. Licensees have been informed that no change in this allowance will be made for the current crop year, but that the matter will be further discussed at the 1950 tariff meetings.

REGULATIONS OF THE BOARD

The Board's Regulation No. 16, made on October 31, 1947, was amended on March 18, 1949. On July 29, 1949, the Board made a new Regulation No. 23 entitled, "Applications for Licences and Terms and Conditions under which Licences Issued", and effective August 1, 1949, the following regulations were amended and reissued:

No. 16—Fees

No. 18—Procedure—Country Elevators

No. 20—Maximum Tariffs of Charges, Eastern Elevators

No. 21—Maximum Tariffs of Charges, Country Elevators

No. 22—Maximum Tariffs of Charges, Terminal Elevators

LAKE FREIGHT RATES

No changes have been made in the maximum rates for carrying grain by lake and river navigation during 1949, and the maximum rates authorized by the Board's Order No. 18, dated October 13, 1948, are still effective.

AUDIT OF STOCKS TERMINAL AND EASTERN ELEVATORS

In accordance with the provisions of Sections 138 and 138 (a) of The Canada Grain Act, the grain contained in every terminal and Eastern elevator was weighed over by the Board's Weighing Branch during the crop year ended July 31, 1949. These audits did not indicate any excess due to the Crown owing to the transfer of grain from a lower to a higher grade.

ASSISTANT COMMISSIONERS

With the appointment of an Assistant Commissioner for Saskatchewan on March 1, 1949, the Board continued to maintain direct contact with producers and country elevator operators in the Provinces of Alberta and Saskatchewan, but owing to the lack of an Assistant Commissioner it has not been possible to maintain that contact in Manitoba.

While complaints from producers have only totalled fifteen during the year—4 in Alberta, 10 in Saskatchewan and 1 in Manitoba—945 country elevators were inspected by the Assistant Commissioner for Alberta, and 677 by the Assistant Commissioner for Saskatchewan.

CANADIAN GOVERNMENT ELEVATORS

Despite the increased production in 1948 as compared with 1947, the amount of grain handled at the Canadian Government Elevators was considerably less than in the previous crop year. Ample storage space being available at the Lakehead and at Pacific ports, there was no demand for storage at interior points.

Of the total handling at the Canadian Government Elevators, amounting to 7,303,809 bushels, 2,227,743 bushels were handled at the Calgary Elevator. The greater proportion of this grain was barley. The Edmonton Elevator handled 458,078 bushels, but the handlings at the other Elevators at Moose Jaw, Saskatoon and Lethbridge were negligible. No grain was handled at the Prince Rupert Elevator.

The Port Arthur Elevator continues to be operated by McCabe Grain Company, Limited, under lease which expires July 31, 1954.

The net result of operations for the fiscal year ended March 31, 1949, was a deficit of \$222,565.11, as compared with a deficit of \$131,282.90 in the previous fiscal year. This increase is largely due to the upward revision of salary rates.

The installation of dust control equipment at the Port Arthur and Edmonton Elevators has been completed, as well as other structural changes to reduce risks of fire and explosion. Installation of dust control equipment at Calgary is now in progress.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the crop year 1949-50 were constituted by the Board in accordance with the provisions of Section 25 of The Canada Grain Act. The Western Committee was convened in Winnipeg on September 29, 1949, and the Eastern Committee at Toronto on August 12 and November 1, 1949. A meeting of the sub-committee of the Western Committee was held in Winnipeg on October 14, 1949.

WHEAT BONUS

During 1949 outstanding wheat bonus certificates in the amount of \$8.95 found to have been improperly issued were cancelled. No certificates were redeemed during 1949. Certificates still outstanding as at December 31, 1949, amount to \$7,746.33.

PRAIRIE FARM ASSISTANCE ACT

The Board has continued to collect one per cent of the purchase price of grain marketed in the three Western Provinces. During the crop year ended July 31, 1949, \$6,628,496.52 was collected, making total collections of \$39,658,298.63 since the inception of this scheme on August 1, 1939.

EXHIBIT AT BRANDON WINTER FAIR

The Board again provided an exhibit at the Manitoba Winter Fair held in Brandon, Manitoba, in April, 1949. This exhibit stressed the work of the Board's Grain Research Laboratory. It attracted wide interest and brought forth much favourable comment.

PERSONNEL

Commissioner Dr. Duncan Alexander MacGibbon completed his second term of office on August 14, 1949, and retired on superannuation after twenty years' effective service. Mr. Roy Wilfred Milner was appointed Commissioner effective January 15, 1950.

Mr. Allan Grant McLean was appointed Assistant Commissioner for Saskatchewan effective March 1, 1949, but no appointment has yet been made to fill the vacant position of Assistant Commissioner for Manitoba.

A number of the senior officers in the Grain Inspection service retired during 1949, as follows:

Mr. Arthur Miller, Chairman of the Winnipeg Grain Appeal Tribunal, after forty-two years' service; replaced by Mr. James Forsyth, Grain Inspector, Grade 4, Winnipeg.

Mr. John Alexander Ross, Grain Inspector in charge, Vancouver, after forty-one years' service; replaced by Mr. Clifford Edwin Struan Robertson, Grain Inspector, Grade 3, Vancouver.

Mr. Bert Corbett, Grain Inspector in charge, Edmonton, after forty years' service; replaced by Mr. Mungo James Conacher, Grain Inspector, Grade 3, Chatham, Ontario.

Mr. William Thornber, Grain Inspector in charge, Montreal, after thirty-six years' service; replaced by Mr. Philip Joseph Smith, Grain Inspector, Grade 3, Montreal.

Mr. Stanley Gifford Thompson, Grain Inspector, Grade 4, Vancouver, proceeded on six months' retiring leave on September 1, 1949, after thirty-eight years' service.

Mr. Frank George Ritchie, Grain Inspector, Grade 4, Fort William, was promoted to the vacant position of Assistant Chief Grain Inspector, and Mr. Quincy Clifford Moffat, Grain Inspector, Grade 2, Winnipeg, took over the duties of Inspector in charge, Chatham, vice Mr. Mungo James Conacher.

EXPENDITURE AND REVENUE

Total expenditure for the fiscal year 1948-49, exclusive of the Canadian Government Elevators, was \$2,218,254.82, compared with \$2,061,040.17 for the previous fiscal year, an increase of \$157,214.65, mainly attributable to increased salary rates.

Revenue amounted to \$1,296,756.22, a decrease of \$107,413.09 from the revenue of \$1,404,169.31 in the previous fiscal year.

Total expenditure for the first nine months of the current fiscal year is \$1,772,602.32, being \$140,993.44 in excess of the expenditure for the same period in the previous fiscal year. Revenue for this period, owing to the increased inspection fees from August 1, totals \$1,719,805.27, as compared with \$1,096,088.56 for the same period in the 1948-49 fiscal year.

Reports of the various branches of the Board are attached for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

J. VALLANCE,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 18, 1950

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing the different matters handled in the Executive Offices of the Board during the year 1949:

- (a) Complaints
- (b) Prosecutions
- (c) Defaults
- (d) Cars out of turn
- (e) Receipt of wheat into country elevators from railway cars
- (f) Report of Licensing Officer.
- (g) Licences issued
- (h) Grain-loading platforms
- (i) Prairie Farm Assistance Act—one per cent levy
- (j) Statistics
- (k) Annual Weighover—terminal elevators

Yours truly,
J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1949, the Board investigated nineteen (19) complaints, including four outstanding as at December 31, 1948, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under The Canada Grain Act, as follows:

Manitoba.....	1
Saskatchewan.....	10
Alberta.....	4
Outstanding at December 31, 1948.....	4
	19

These were disposed of as follows:

No grounds for complaint.....	9
Settlement effected.....	5
Outside jurisdiction of Board.....	1
Not yet disposed of.....	3
Licensee fined.....	1
	19

MISCELLANEOUS COMPLAINTS

Twenty-six (26) complaints were received by the Board in respect to the handling of grain at terminal elevators and shipments to Eastern Canada, together with two complaints outstanding at December 31, 1948. These were disposed of as follows:

	Quality	Shortage	General
No grounds for complaint.....	4	5	3
Settlement effected.....	—	4	2
Outside jurisdiction of Board.....	1	—	—
Not yet disposed of.....	—	9	—
			28

EXPORT SHIPMENTS

Sixteen (16) complaints in respect to overseas shipments were received during the year ending December 31, 1949. These, together with nine (9) complaints outstanding at December 31, 1948, were disposed of as follows:

	Quality	Shortage
No grounds for complaint.....	5	6
Settlement effected.....	—	9
Not yet disposed of.....	—	5
		25

(b) PROSECUTIONS

The prosecution for a breach of the provisions of Section 103 of The Canada Grain Act reported last year has now been concluded, and the defendant convicted and fined one hundred dollars.

(c) DEFAULTS

During the year 1949 there was submitted to the Board one claim in the amount of \$50.50 in respect of non-settlement for two cash tickets issued by a licensee since gone into bankruptcy. This claim was referred by the Board to the bonding company and settlement received under the terms of the bond filed with the Board by the licensee.

(d) CARS OUT OF TURN

During the year 1949, 45 out-of-turn cars were ordered by the Board under the provisions of Section 68 (2) of The Canadian Grain Act, as follows:

Grain out of condition.....	35
Elevators in danger of collapse.....	10
	— 45

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107 (a) of The Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 448 cars.

(f) REPORT OF LICENSE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the License and Bonding Branch for the year 1949.

During the crop year which commenced on August 1, 1948, and ended on July 31, 1949, one hundred and thirty-six (136) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Five thousand, five hundred and ninety-three (5,593) applications for licences to operate were received and five thousand, four hundred and eighty-one (5,481) licences were issued. One hundred and four (104) licences were transferred and eight (8) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	27	1	26	.....
Commission Merchants.....	33	1	32	.....
Grain Dealers.....	13	1	12	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	32	1	31	.....
Private Terminal Elevators.....	7	.....	7	.....
Eastern Elevators.....	29	.....	29	.....
Mill Elevators.....	43	.....	43	.....
Private Country Elevators.....	10	.....	10	.....
Public Country Elevators.....	5,289	4	5,285	.....
Transfers.....	104	.....	.....	104
	5,593	8	5,481	104

The total licensed storage capacity as at July 31, 1949, was 489,182,270 bushels; elevators proper and permanent annexes comprising 418,163,520 bushels and temporary annexes 71,018,750 bushels; 5,395 elevators being licensed at that date.

One grain dealer's, one mill and fourteen public country elevator licences were cancelled by the Board during the 1948-49 crop year; two due to the fact that the licensees ceased operations, two on account of the buildings having been destroyed by fire, seven because the elevators were demolished, and five for the reason that the buildings were sold to but not operated by new owners.

Eight (8) licences were suspended by the Board during the crop year 1948-49. Of these, six were suspended because of repairs being necessary at licensed elevators but were reinstated in due course after the buildings had been repaired, and two on account of defective receiving scales.

License fees collected during the crop year 1948-49 amounted to \$29,029.00; of this amount, \$60.00 was refunded to applicants who withdrew their applications for licences.

The collections of the one per centum levy made under the provisions of The Prairie Farm Assistance Act for the crop year 1948-49, as recorded at this office; were \$6,628,496.52. The total collections from August 1, 1939, to July 31, 1949, amounted to \$39,658,298.63.

Guarantee bonds in the amount of \$27,067,511.50, executed by seventeen (17) of the approved surety companies, were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees during the crop year 1948-49. In addition, six (6) licensees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds.

During the first four months of the 1949-50 crop year, which commenced on August 1, 1949, 5,289 applications for licences were received and 5,266 licences issued.

At December 1, 1949, there were 5,621 buildings classed as elevators under the provisions of The Canada Grain Act, 5,591 in the Western Division and 30 in the Eastern Division, 5,197 being licensed at that date. These buildings and

their storage capacities, together with several summarizing statements and other relative information, are listed in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions."

The total licensed storage capacity as at December 1, 1949, was 489,892,770 bushels, permanent storage space amounting to 419,660,020 and temporary storage 70,232,750. Four hundred and twenty-four elevators, with a combined storage of 23,350,500, were not in operation at that date.

The one per centum levy collected during the first three months of the 1949-50 crop year amounted to \$5,872,684.79; the total collected since August 1, 1939, to December 1, 1949, being \$45,530,983.42.

Respectfully submitted,

C. F. SPITTLE,

Licensing Officer.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; 1930-31 and 1933-34 to 1948-49

Kind	1948- 1949	1947- 1948	1946- 1947	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1930- 1931	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,285	5,352	5,412	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,500	3,577	1,972	1,089
Private Country Elevators.....	10	10	10	7	6	6	6	6	6	6	7	13	11	12	13	14	385	.....	.....	.....
Public Terminal Elevators.....	6	6	6	6	6	6	6	6	6	6	5	3	6	6	7	7	8	17	.....	.....
Semi-Public Terminal Elevators...	31	31	34	37	37	38	39	39	39	38	34	30	33	38	39	38	35	.....	*34	*10
Private Terminal Elevators.....	7	7	7	8	8	8	8	9	10	13	38	40	39	36	37	37	40	†20	.....	.....
Eastern Elevators.....	29	29	29	30	30	31	30	30	31	30	29	29	29	31	31	30	29	†18	.....	.....
Mill Elevators.....	43	43	43	39	39	38	35	34	38	38	15	17	15	19	19	21	25	.....	.....	.....
Elevator Space.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	58	.....
Track Buyers.....	26	28	27	27	29	31	31	31	33	36	38	40	40	41	46	51	48	156	123	.....
Commission Merchants.....	32	35	35	36	36	39	38	38	39	43	47	47	48	51	56	61	57	126	84	.....
Grain Dealers.....	12	13	15	11	14	15	17	18	21	24	23	19	17	24	25	20	3	.....	.....	.....
Total Number Issued.....	5,481	5,554	5,618	5,671	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,875	5,783	6,130	3,921	2,271	1,109

† Licensed as Private Elevators.

‡ Licensed as Public Elevators.

* Licensed as Terminal Elevators.

(h) GRAIN-LOADING PLATFORMS

During the year 1949, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN-LOADING PLATFORMS IN WESTERN CANADA
As at December 1, 1949

Province	Number of Platforms	Car Capacity
Manitoba.....	597	1,428
Saskatchewan.....	1,264	2,697
Alberta.....	724	1,428
British Columbia.....	33	75
Ontario.....	18	37
Total as at December 1, 1949.....	2,636	5,659

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1948, to July 31, 1949

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$ c.		\$ c.		\$ c.		\$ c.	\$ c.
Manitoba.....	39,938,708	719,061 04	20,788,527	136,354 61	23,872,746	247,196 49	1,461,472	18,129 13	1,120,741 27
Saskatchewan.	163,497,984	2,849,778 59	39,345,096	249,746 15	23,278,913	225,025 02	7,472,229	92,920 21	3,417,469 97
Alberta.....	97,794,103	1,632,981 04	24,829,095	147,061 66	23,360,121	215,009 89	7,436,488	89,035 93	2,084,088 52
	301,230,795	5,201,820 67	84,962,718	533,162 42	70,511,780	687,231 40	16,370,189	200,085 27	6,622,299 76
	Mixed Grain—Saskatchewan.....								10 89
	Adjustments not allocated.....								6,185 87
	Collections—August 1, 1948 to July 31, 1949.....								6,628,496 52
	Collections—August 1, 1939 to July 31, 1948.....								33,029,802 11
	Total Collections to July 31, 1949.....								39,658,298 63

(j) STATISTICS

308 GRAIN EXCHANGE,
FORT WILLIAM, ONT.,
January 20, 1950.

MR. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the Statistics Branch for the 1948-49 Crop Year.

Canadian Wheat production in 1949, estimated by the Dominion Bureau of Statistics at 367·4 million bushels, is down from the 1948 Wheat harvest (393·3 millions) and the previous five year average (376·8 million bushels).

The total 1949 Canadian acreage seeded to Wheat (27.5 million acres) was, with one exception, the largest ever recorded for this country. In 1940 Canada's Wheat acreage reached a high point of 28.7 million acres.

Generally adverse weather conditions in Canada in 1949 reduced the Wheat yield per acre to 13.3 bushels from the higher 16.3 bushels reported for the previous year and the past five year norm of 15.8 bushels.

Canadian 1949 crop outturns for all principal coarse grains and Flaxseed were appreciably lower than 1948 harvests, indicated in brackets—Oats, 316.6 (358.8); Barley, 120.4 (155.0); Rye, 10.0 (25.3) and Flaxseed, 2.3 (17.7) million bushels.

Year end grain stocks as at July 31, 1949 were estimated as follows, with 1948 quantities indicated in brackets—Wheat, 101.4 (77.7); Oats, 60.5 (47.9) Barley, 29.9 (31.4); Rye, 11.9 (0.9) and Flaxseed, 10.7 (3.4) million bushels.

The following quantities of grain were disposed of during the year and were either consumed on Canadian farms, sold in the domestic market or exported to other countries—Wheat, 369.6; Oats, 346.2; Barley, 156.6; Rye, 14.3 and Flaxseed, 10.4 million bushels.

Detailed statistical tables on production, distribution and carry-over data are appended to this report.

FARM DELIVERIES

During the 1948-49 Crop Season, a total of 294.0 million bushels of Wheat were marketed from Western farms. Farm Wheat deliveries in the Crop Year of 1947-48 amounted to 246.6 million bushels and a previous five-year average was recorded at 299.8 millions.

WESTERN FARM WHEAT DELIVERIES SEASON 1948-49

—	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1948-49	1947-48	5 year Average 1943-44 to 1947-48
	net bu.	net bu.	net bu.	net bu.	net bu.	net bu.
<i>Delivered to:</i>						
Country Elevators.....	39,157,439	157,874,101	94,045,353	291,076,893	243,538,985	296,139,465
Interior Private and Mill Elevators.....	266,734	909,559	1,365,029	2,541,322	2,738,283	3,149,053
Interior Terminal Elevators (Street Receipts).....		48	29,757	29,805	2,938	4,627
Loaded over Platforms...	153,655	49,973	109,574	313,202	319,244	549,185
¹ From Farms direct to U.S.A. by Truck.....	17,004	7,762	782	25,548	2,465	2,792
Total.....	39,594,832	158,841,443	95,550,495	293,986,770	246,601,915	299,845,122
Production (Gross).....	57,000,000	191,000,000	117,459,000	³ 365,459,000	317,966,000	³ 335,057,600
² Percentage—Deliveries to Production.....	71.29%	85.35%	83.34%	82.51%	79.44%	91.70%

¹Dominion Bureau of Statistics—Customs Clearance.

²Calculated on a net Production basis.

³Includes Production figures for British Columbia.

LAKE TRANSPORTATION

The season of navigation was opened at the Lakehead on April 6, 1949 with the arrival of the S.S. "George Hindman." April 19 was the season's opening date last year and March 27, 1945 is the earliest recorded spring arrival at the Twin City Ports.

The S.S. "Saskatoon," the last grain boat to leave the Lakehead at the close of the 1949 navigation season cleared the harbour on December 12.

Vessel clearances from the Lakehead for the five principal grains during the 1949 season of navigation (265.0 million bushels) showed an increase of 45.2 millions over 1948.

Vessel cargoes of Wheat for the current season totalling 164.4 million bushels were 31.0 million bushels higher than 1948 lake shipments.

Average vessel clearances for all five chief grains during the previous five seasons of navigation amounted to 330.9 million bushels and for Wheat only were recorded at 219.3 million bushels.

Combined Lake and Rail shipments from Fort William-Port Arthur Terminals during the 1948-49 Crop Year amounted to 305.2 million bushels for the principal grains, compared with 252.0 millions reported for the 1947-48 Crop Season.

Total grain Lake and Rail shipments for the first five months of the 1949-50 Crop Year reached a total of 168.6 million bushels. Rail shipments made up 10.7 millions of the amount.

FREIGHT RATES

Maximum lake freight rates for the 1949 season remained unchanged at levels established by the Board during October of last year.

As indicated in the table below, however, 1949 season's average rates were higher than those of 1948.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT
CARGOES SEASON OF NAVIGATION—1949

Fort William-Port Arthur to	Georgian Bay Ports	Port Colborne and Humber- stone	Toronto	Kingston	Prescott	St. Lawrence Ports Direct
<i>Month—</i>	c. per bu.	c. per bu.	c. per bu.	c. per bu.	c. per bu.	c. per bu.
April.....	4.5	6.0	6.5	.....	.....	12.5
May.....	4.5	6.0	6.5	.....	.....	12.5
June.....	4.5	6.0	6.5	.....	7.25	12.5
July.....	4.5	6.0	.....	.....	7.25	12.5
August.....	4.5	6.0	6.5	.....	7.25	12.5
September.....	4.5	6.0	6.5	.....	7.25	12.5
October.....	4.5	6.0	6.5	.....	7.25	12.5
November.....	4.5	6.0	.....	.....	7.25	12.5
December.....	.....	6.0	.....	.....	.....	.....
<i>Season Averages—</i>						
1949.....	4.5	6.0	6.5	.....	7.25	12.5
1948.....	4.268	5.723	6.208	7.716	6.75	11.355

Freight rates on Lake shipments of Wheat to Buffalo from the Lakehead during the 1949 season ranged from 7c. (Can. and U.S.) per bushel from April to July, to 5c. (U.S.) per bushel through September, October and the first part of November. These rates moved up to 7c. (U.S.) per bushel in the latter part of November and advanced again to 9c. (U.S.) in December.

One vessel cargo of Wheat cleared for Duluth in April and carried a freight rate of 4c. (Can.), while one Wheat shipment was made to Chicago during November at 7½c. (U.S.) per bushel.

INLAND WATER FREIGHT RATES ACT

Copies of vessel charter confirmations for all lake grain cargoes shipped from the Lakehead during the 1949 season of navigation were filed by shippers with this office, in accordance with provisions of the "Inland Water Freight Rates Act, 1923" as amended.

Monthly data on weighted lake freight rates have been prepared for release to those interested in these returns.

EXPORT CLEARANCES

Export clearances of Canadian Wheat and Wheat flour (in terms of Wheat equivalent) for the 1948-49 Crop Year amounted to 232.3 million bushels, compared with smaller shipments reported last year (195.0 millions).

The delivery of Canadian Wheat to the United States for Domestic consumption in 1948-49 increased sharply to the 5.3 million bushel level from some 134,000 bushels imported into the United States during the previous 1947-48 Crop Season.

Canadian Wheat flour exports in 1948-49, however, formed a smaller part of the combined Wheat and Wheat flour total shipments. Wheat flour exports during 1948-49 amounted to 48.1 million bushels in terms of Wheat equivalent, compared with 61.5 millions in the previous Crop Season.

Average exports of Canadian Wheat and Wheat flour during the previous five years—1943-44 to 1947-48, inclusive, were as follows—Wheat, 227.7 and Wheat flour 65.2 million bushels.

The bulk of the ocean wheat tonnage, about 57.8 per cent moved through Canadian Atlantic Seaboard ports. Wheat cargoes at the Canadian Pacific and United States Atlantic Coast ports accounted for 33.7 per cent and 5.5 per cent, respectively, of the total ocean wheat traffic. Port of Churchill shipments during the 1948-49 Crop Year (5.3 million bushels) represented about 3 per cent of the overseas wheat clearance total.

Further data on Canadian grain exports are contained in tables in the appendix to this report.

INSURANCE

During the Crop Year 1948-49, in store grain insurance policies were filed with this office by Public Country, Semi-Public and Eastern Elevator licensees, in accordance with provisions of Section 102 of the Canada Grain Act 1930, as amended, and related orders-in-council and regulations.

These insurance documents were carefully scrutinized to verify that they conformed to policy requirements for the protection of the owners of stored grain.

PRICES

Grain price records for the principal grain markets were maintained in compliance with Section 21 of the Canada Grain Act during the Crop Season.

A summary of Canadian Cash grain prices for 1948-49 in table form is appended.

MISCELLANEOUS

At the request of the Board, a special study of the clerical functions of the Lakehead branches was made during the year with a view to securing the closest possible co-ordination of office paper work responsibilities assumed by Board offices.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, IN BUSHELS

	1947	*1948	1949
	bu.	bu.	bu.
On Farms—Estimated.....	25,988,000	39,162,000	42,423,000
In Country, Private Terminals and Mill Elevators.....	23,876,786	16,710,908	18,841,225
In Public and Semi-Public Terminal Elevators.....	10,072,470	9,914,422	10,156,932
In Store and Afloat Eastern Elevators.....	16,886,727	6,284,943	20,735,093
In Eastern Flour Mills.....	2,750,196	1,543,124	2,764,454
In Transit Rail—East and West.....	7,720,905	4,060,361	6,422,043
In Store and in Transit in the United States.....	87,000	34,652	68,494
Total.....	87,382,084	77,710,410	101,411,241

Crops of 1948 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Carry-over 31 July, 1948.....	77,710,410	47,891,059	31,449,460	903,746	3,371,226
Production—All Canada.....	393,345,000	358,807,000	155,018,000	25,340,000	17,683,000
Total Available Supply.....	471,055,410	406,698,059	186,467,460	26,243,746	21,054,226
Total Disposed of.....	369,644,169	346,191,455	156,593,131	14,325,853	10,362,073
Carry-over July 31, 1949.....	101,411,241	60,506,604	29,874,329	11,917,893	10,692,153
Total.....	471,055,410	406,698,059	186,467,460	26,243,746	21,054,226

EXPORTS

1948-49.....	184,235,311	21,427,004	21,729,804	10,239,210	4,413,049
Wheatflour, Oatmeal, etc., equivalent to.....	48,094,024	1,792,630			
Total.....	232,329,335	23,219,634	21,729,804	10,239,210	4,413,049
1947-48.....	133,505,264	5,413,650	2,678,679	10,226,258	1,787,612
Wheatflour, Oatmeal, etc., equivalent to.....	61,477,079	4,788,387			
Total.....	194,982,343	10,202,037	2,678,679	10,226,258	1,787,612

*Revised.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1948, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1948-49

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Manitoba.....	57,000,000	60,000,000	45,000,000	1,950,000	9,040,000
Saskatchewan.....	191,000,000	89,000,000	42,000,000	10,500,000	4,740,000
Alberta and British Columbia	117,459,000	78,456,000	55,485,000	9,919,000	3,074,000
Total.....	365,459,000	227,456,000	142,485,000	22,369,000	16,854,000

(b) PRIMARY MARKETINGS AT COUNTRY ELEVATORS

Manitoba.....	39,157,439	20,745,099	23,541,236	1,571,259	7,995,880
Saskatchewan.....	157,874,101	39,638,389	22,955,850	7,957,056	4,356,352
Alberta.....	94,045,353	24,406,854	23,168,561	7,879,691	2,567,703
Total.....	291,076,893	84,790,342	69,665,647	17,408,006	14,919,935

OVER PLATFORMS

Manitoba.....	153,655	56,386	147,728	1,562	15,296
Saskatchewan.....	49,973	21,641	4,360	1,547	9,360
Alberta.....	109,574	271,242	70,153	15,918	1,699
Total.....	313,202	349,269	222,241	19,027	26,355

AT INTERIOR PUBLIC AND SEMI-PUBLIC TERMINALS

Manitoba.....		2,595	2,946		
Saskatchewan.....	48	8,996	10,029		490
Alberta.....	29,757	196,318	48,432		1,941
Total.....	29,805	207,909	61,407		2,431

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	266,734	108,027	78,896		134,913
Saskatchewan.....	909,559	45,304	59,634	22,061	8,312
Alberta.....	1,365,029	422,847	159,297	53,132	70,169
Total.....	2,541,322	576,178	297,827	75,193	213,394

*TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....	17,004	352	2,702		3,617
Saskatchewan.....	7,762	102	850		
Alberta.....	782	276	1,129	50	
Total.....	25,548	730	4,681	50	3,617

(a) Production represents gross production estimate by Dominion Bureau of Statistics.

(b) Primary Marketings—Points in Ontario west of Fort William are included in Manitoba figures; country points in the Peace River Valley situated in British Columbia are included in Alberta figures.

(c) Inspections—These are compiled according to Provinces in which grain was grown on an estimated average net bushel outturn weight per car.

* Customs returns—Dominion Bureau of Statistics.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1948, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1948-49—Concluded**

TOTAL MARKETED

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Manitoba.....	39,594,832	20,912,459	23,773,508	1,572,821	8,149,706
Saskatchewan.....	158,841,443	39,714,432	23,030,723	7,980,664	4,374,514
Alberta.....	95,550,495	25,297,537	23,447,572	7,948,791	2,641,512
Total.....	293,986,770	85,924,428	70,251,803	17,502,276	15,165,732

(c) INSPECTIONS

Manitoba.....	36,559,363	17,674,108	21,397,729	1,391,184	6,780,397
Saskatchewan.....	159,759,424	36,643,472	23,104,357	8,137,831	6,119,622
Alberta and British Columbia	89,050,209	20,263,473	18,048,357	6,288,290	2,572,485
Total.....	285,368,996	74,581,053	62,550,443	15,817,305	15,472,504

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS, 1948-49

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed
	net bu.	net bu.	net bu.	net bu.	net bu.
Receipts.....	164,589,946	27,917,426	25,561,930	5,816,658	10,685,407
Shipments.....	150,714,814	27,679,398	27,213,354	3,948,381	7,134,147
	Canadian Corn	Canadian Buckwheat	Canadian Beans	Canadian Peas	Mixed Grain
	net bu.	net bu.	net bu.	net bu.	net bus.
Receipts.....	2,016,367	43,590	524,293	.....	16,883,090
Shipments.....	1,848,835	33,380	539,755	4,358	10,566,166

UNITED STATES GRAIN

—	Wheat	Oats	Barley	Rye	Corn	Beans
	net bu.	net bu.	net bu.	net bu.	net bu.	net bu.
Receipts.....	172,744	2,626,990	534,807	.....	6,919,860	291,207
Shipments.....	280,688	2,621,730	450,106	13,399	6,755,384	291,124

FOREIGN GRAIN (OTHER THAN U.S.A.)

Receipts.....	Nil
Shipments.....	Nil

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION

(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CHANNELS) 1948-49

—	U.S.A. Wheat	U.S.A. Oats	U.S.A. Barley	U.S.A. Rye	U.S.A. Corn	U.S.A. Beans
	net bu.	net bu.	net bu.	net bu.	net bu.	net bu.
Via Eastern Elevators.....	280,688	140,954	31,980	13,399	3,266,161	62,788
Fort William-Port Arthur.....	.....	.....	.....	.....	95,647	.....
Interior Private Terminals.....	.....	.....	.....	9,460	499,172	.....
Pacific Coast Terminals.....	.....	.....	.....	.....	3,860	.....

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS,
CROP YEAR 1948-49

	Wheat	Oats	Barley	Rye	Flaxseed
	net bu.	net bu.	net bu.	net bu.	net bu.
<i>Fort William-Port Arthur—</i>					
Receipts.....	169,360,001	56,210,681	48,193,474	15,308,519	14,891,496
Shipments.....	173,461,727	59,755,191	49,187,718	12,606,906	10,169,050
<i>Vancouver-New Westminster—</i>					
Receipts.....	65,724,582	1,934,650	402,216	174,572	404
Shipments.....	61,805,049	3,160,159	523,967	133,467	6
<i>Victoria, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Churchill, Man.—</i>					
Receipts.....	5,573,647	463			
Shipments.....	5,314,342	24,857			
<i>Semi-Public Terminal at North Transcona, Man.—</i>					
Receipts.....	240,291	251,247	150,013	5,280	1,414
Shipments.....	242,830	264,724	150,649	5,280	2,790
<i>Kenora, Ont.</i>					
Receipts.....					
Shipments.....					

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS, CROP YEAR 1948-49

	Wheat	Oats	Barley	Rye	Flaxseed
	net bu.	net bu.	net bu.	net bu.	net bu.
<i>Receipts—</i>					
Calgary.....	347,844	77,024	1,763,747	20,761	1,683
Edmonton.....	140,037	269,190	36,032		992
Lethbridge.....	8,574		235		57,793
Moose Jaw.....	3,182	29,545	64,465	3,335	2,844
Saskatoon.....	14,034	13,097			137,463
Total.....	513,671	388,856	1,864,479	24,096	200,775
<i>Shipments—</i>					
Calgary.....	335,551	123,637	1,820,175	6,542	1,678
Edmonton.....	198,311	301,459	60,236		905
Lethbridge.....	9,527	429	233		57,817
Moose Jaw.....	3,182	31,143	77,903	3,377	2,844
Saskatoon.....	20,646	13,907			183,443
Total.....	567,217	470,575	1,958,547	9,919	246,687

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

	Wheat	Oats	Barley	Rye	Flaxseed
	net bu.	net bu.	net bu.	net bu.	net bu.
Receipts.....	111,815	140,714	1,135,474	1,452,383	
Shipments.....	111,815	140,714	1,431,379	1,452,383	

GRAIN COMMISSION

25

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports ²		Milling in Bond	Total All Wheat	Wheat Flour ³	Total Wheat and Wheat Flour
					For Human Con- sumption Duty-paid	Unfit for Human Con- sumption				
1948	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
August.....	1,207,733	5,908,654	1,994,983	.....	1,200	58	.....	9,112,628	4,244,184	13,356,812
September.....	1,377,600	6,456,602	2,720,614	.....	3,222	67	.....	10,558,105	3,670,461	14,228,566
October.....	2,066,400	8,456,646	598,745	443,873	550	37	.....	11,566,251	6,509,079	18,075,330
November.....	3,388,032	11,490,719	.....	725,367	5,152	375	.....	15,609,645	5,455,031	21,064,676
December.....	4,390,397	4,520,905	.....	3,832,911	8,350	.....	.....	12,752,563	3,803,274	16,555,837
1949										
January.....	7,560,713	4,072,642	.....	2,797,830	22,064	.....	.....	14,453,249	3,756,334	18,209,583
February.....	5,324,427	5,383,647	.....	1,344,837	20,344	.....	22,541	12,095,796	3,082,127	15,177,923
March.....	6,381,793	6,795,473	.....	628,638	30,099	17	176,312	14,012,352	3,612,042	17,624,394
April.....	6,731,088	7,037,788	.....	.....	161,726	1,500	705,706	14,637,808	3,367,710	18,005,518
May.....	7,544,489	14,938,841	.....	.....	301,058	5,700	1,073,837	23,863,925	3,779,829	27,643,754
June.....	8,630,282	14,655,737	.....	11,000	763,360	2,000	1,134,192	25,196,571	3,224,506	28,421,077
July.....	5,748,095	13,803,619	.....	9,000	73,830	15,000	726,874	20,376,418	3,589,447	23,965,865
Total Crop Year 1948-49.....	60,351,049	103,521,273	5,314,342	9,793,476	1,390,955	24,754	3,839,462	184,235,311	48,094,024	232,329,335
Total Crop Year 1947-48.....	36,069,176	76,602,170	4,975,753	15,724,605	5,495	117,334	10,731	133,505,264	61,477,079	194,982,343
5-Year Average: 1943-44 to 1947-48.....	33,774,848	104,204,638	1,580,926	44,957,094	33,375,019	3,393,967	6,396,894	227,683,386	65,246,456	292,929,842

¹ Monthly grand totals include exports of Canadian Wheat Flour.² Source—United States Department of Commerce, Bureau of the Census.³ Canadian Customs Returns.

ANALYSIS OF CANADIAN GRAIN OVERSEAS EXPORTS, BY GRADE
AND SEABOARD SECTOR, CROP YEAR 1948-49

Grade	Via Canadian Pacific Seaboard Ports	Via ¹ Canadian St. Lawrence — Atlantic Seaboard Ports	Via United States Atlantic Seaboard Ports	GRAND TOTALS
	bu.	bu.	bu.	bu.
<i>Wheat (All Varieties)—</i>				
1 Manitoba Hard.....				
1 Manitoba Northern.....	18,754,766	40,947,701	6,761,816	66,464,283
2 Manitoba Northern.....	14,879,894	44,744,422	2,942,065	62,566,381
3 Manitoba Northern.....	14,930,716	3,013,205		17,943,921
4 Manitoba Northern.....	6,154,361	1,973,157	89,595	8,217,113
4 Special.....		295,750		295,750
No. 5.....	74,667	7,467		82,134
Tough 2 Manitoba Northern.....		667,839		667,839
Tough 3 Manitoba Northern.....		1,220,535		1,220,535
Tough 4 Manitoba Northern.....		51,000		51,000
Sample.....	32,093	126,762		158,855
1 C.W. Garnet.....	67,951			67,951
2 C.W. Garnet.....	1,019,947	280,317		1,300,264
3 C.W. Garnet.....	2,770,805	50,557		2,821,362
1 Alberta Red Winter.....	1,062,657			1,062,657
2 Alberta Winter.....	479,992	25,268		505,260
3 Alberta Winter.....	123,200			123,200
Seed Wheat.....		639,210		639,210
Eastern Wheat.....		3,743,522		3,743,522
1 C.W. Amber Durum.....		31,960		31,960
2 C.W. Amber Durum.....		2,305,345		2,305,345
3 C.W. Amber Durum.....		8,660,235		8,660,235
Tough 3 C.W. Amber Durum.....		51,363		51,363
Total.....	60,351,049	108,835,615	9,793,476	178,980,140
<i>Oats—</i>				
Ex. 3 C.W.....		73,822		73,822
3 C.W.....	21,470	1,668,803		1,690,273
Ex. 1 Feed.....	34,471			34,471
1 Feed.....	32,941	732,647		765,588
3 Feed.....		2,181		2,181
Mixed Feed.....	64,909	485,633		550,542
Tough.....		696		696
Other Western.....		41,339		41,339
Eastern.....		22,999		22,999
Total.....	153,791	3,028,120		3,181,911
<i>Barley—</i>				
2 C.W. Two-Row.....		14,027		14,027
2 C.W. Six-Row.....		8,457		8,457
3 C.W. Six-Row.....		692,683		692,683
1 Feed.....	105,334	9,182,221	688,921	9,976,476
2 Feed.....	2,500	16,637		19,137
Tough.....	3,333			3,333
Sample.....		114,541		114,541
Others.....		24,955		24,955
Unspecified.....			229,470	229,470
Total.....	111,167	10,053,521	918,391	11,083,079
<i>Rye—</i>				
2 C.W.....	80,000	2,915,506		2,995,506
3 C.W.....		245,139		245,139
Eastern.....		186,515		186,515
Total.....	80,000	3,347,160		3,427,160
<i>Flaxseed—</i>				
1 C.W.....	142	3,690,030		3,690,172
3 C.W.....		170,369		170,369
4 C.W.....		21,339		21,339
Sample.....		74,665		74,665
Eastern.....		310,737		310,737
Total.....	142	4,267,140		4,267,282

¹ Including wheat shipped via the Port of Churchill.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS
BY SEABOARD PORTS, CROP YEAR 1948-49

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed	Grand Total All Grains
	bu.	bu.	bu.	bu.	bu.	bu.
Vancouver-New Westminster.....	60,351,049	153,791	111,167	80,000	142	60,696,149
Victoria.....						
Prince Rupert.....						
Montreal.....	61,508,536	1,737,742	7,204,727	2,124,723	3,397,348	75,973,076
Sorel.....	9,686,666	564,346	2,027,049	1,180,417		13,458,478
Three Rivers.....	7,588,854					7,588,854
Quebec.....	2,382,197	419,797	107,144	26,043		2,935,181
St. John.....						
West St. John.....	12,922,474	306,235	714,601	15,977	869,792	14,829,079
Halifax.....	9,432,546					9,432,546
Churchill.....	5,314,342					5,314,342
Total—Canadian Ports.....	169,186,664	3,181,911	10,164,688	3,427,160	4,267,282	190,227,705
Albany.....	791,306					791,306
New York.....	340,693					340,693
Baltimore.....	8,626,994		688,921			9,315,915
Philadelphia.....	34,483					34,483
Duluth.....			229,470			229,470
Total—U.S.A. Ports.....	9,793,476		918,391			10,711,867
Total to Overseas.....	178,980,140	3,181,911	11,083,079	3,427,160	4,267,282	200,939,572
Wheat Flour ¹	48,094,024					48,094,024
Rolled Oats and Oatmeal ¹		1,792,630				1,792,630
U.S.A. Imports ²	5,255,171	18,245,093	10,646,725	6,812,050	145,767	41,104,806
Grand Total.....	232,329,335	23,219,634	21,729,804	10,239,210	4,413,049	291,931,032
Other U.S.A. Imports— Oats unhulled ground.....		pounds 145,767		pounds		
Barley Malt.....				64,724,979		

¹ Canadian Customs Returns converted to bushels.² United States official figures.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

MONTHLY AVERAGE FIXED WESTERN GRAIN PRICES AND OPEN MARKET CLOSING CASH QUOTATIONS, CROP YEAR 1948-49

—		August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(a) CANADIAN WHEAT BOARD CASH PRICES														
(1) <i>Initial Payment to Producers², Compulsory Pool 1949-50</i>														
1 Hard	175	175	175	175	175	175	175	175	175	175	175	175	175	175
1 Northern	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2 Northern	170	172	172	172	172	172	172	172	172	172	172	172	172	172
3 Northern	170	170	170	170	170	170	170	170	170	170	170	170	170	170
4 Northern	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Number 5	162	162	162	162	162	162	162	162	162	162	162	162	162	162
Number 6	158	158	158	158	158	158	158	158	158	158	158	158	158	158
Feed	156	156	156	156	156	156	156	156	156	156	156	156	156	156
(2) <i>Class I (Domestic Sales)²—</i>														
1 Hard	205	205	205	205	205	205	205	205	205	205	205	205	205	205
1 Northern	205	205	205	205	205	205	205	205	205	205	205	205	205	205
2 Northern	202	202	202	202	202	202	202	202	202	202	202	202	202	202
3 Northern	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4 Northern	197	197	197	197	197	197	197	197	197	197	197	197	197	197
Number 5	192	192	192	192	192	192	192	192	192	192	192	192	192	192
Number 6	188	188	188	188	188	188	188	188	188	188	188	188	188	188
Feed	186	186	186	186	186	186	186	186	186	186	186	186	186	186
1 C. W. Garnet	200	200	200	200	200	200	200	200	200	200	200	200	200	200
2 C. W. Garnet	198	198	198	198	198	198	198	198	198	198	198	198	198	198
3 C. W. Garnet	196	196	196	196	196	196	196	196	196	196	196	196	196	196
1 Alberta Red Winter	205	205	205	205	205	205	205	205	205	205	205	205	205	205
2 Alberta Winter	204	204	204	204	204	204	204	204	204	204	204	204	204	204
3 Alberta Winter	201	201	201	201	201	201	201	201	201	201	201	201	201	201
1 C. W. Amber Durum	205	205	205	205	205	205	205	205	205	205	205	205	205	205
2 C. W. Amber Durum	202	202	202	202	202	202	202	202	202	202	202	202	202	202
3 C. W. Amber Durum	200	200	200	200	200	200	200	200	200	200	200	200	200	200
(3) <i>Class II (Export Sales)²—</i>														
(a) <i>United Kingdom Contract¹—</i>														
1 Hard	203/4	203/4	205	205	205	205	205	205	205	205	205	205	205	204/6
1 Northern	203/4	203/4	205	205	205	205	205	205	205	205	205	205	205	205
2 Northern	200/4	200/4	202	202	202	202	202	202	202	202	202	202	202	201/6
3 Northern	198/4	198/4	200	200	200	200	200	200	200	200	200	200	200	199/6

(Cents and eighths per bushel)

(b) To Other Countries—											
242/2	236/6	241/6	241/2	232/4	224/6	222/2	218/1	213/6	202/4	203/7	226/3/2
1 Hard.....	236/6	241/6	241/2	232/4	224/6	222/2	218/1	213/6	202/4	203/7	226/2/2
2 Northern.....	233/6	238/6	238/2	229/4	221/6	219/2	215/1	210/6	199/4	200/7	223/2
3 Northern.....	231/6	236/6	236/2	227/4	219/6	217/2	213/1	208/6	197/4	198/7	221/2
237/2	232/3	241/6	241/2	232/4	224/6	222/2	218/1	213/6	202/4	203/7	227/5
1 C. W. Amber Durum.....	239/3	238/6	238/2	228/4	221/6	219/2	215/1	210/6	199/4	200/7	224/5
2 C. W. Amber Durum.....	237/3	236/6	236/2	227/4	219/6	217/2	213/1	208/6	197/4	198/7	222/5
247/2											
FLAXSEED ⁵ —											
(1) Domestic and Export Sales ⁶ —											
550			No official quotations					380	380	380	
545											
534											
(b) WINNIPEG GRAIN EXCHANGE											
CASH QUOTATIONS ⁶											
OATS—											
(1) Domestic and Export Sales and Producers' Prices—											
77/7	74	78/1	79/4	77/3	75/7	76/1	80/7	78/4	76/7	78/7	78/1
76/7	72/3	83/1	77	74/4	71/1	74/5	79/5	76/2	76	76/1	76/1
76/5	72	82/5	76/5	74	70	73/4	79/4	76/2	76	76/1	75/6
3 C. W.....	71/6	81/1	76/5	73/6	69/7	73/4	79/3	76/1	75/4	76	75/3
Ex. 1 Feed.....	70/7	80	74/4	72/6	69/4	72/5	78/7	74/5	74/6	74/7	74/3
1 Feed.....	69	75/4	71/1	69/2	67/5	69/6	76/2	71/7	71/2	73/1	71/4
2 Feed.....	66/4	72/1	68/4	66	64	65/7	71/5	68/4	67/4	70/3	68/2
3 Feed.....											
BARLEY—											
(1) Domestic and Export Sales and Producers' Prices—											
116/4	113/7	130/2	129	125/7	119/3	119/5	122/1	126/6	121/1	130/4	124/3
1 C. W. Six-Row.....	113/7	130/2	129	125/7	119/3	119/5	122/1	126/6	121/1	130/4	124/3
2 C. W. Six-Row.....	110/5	121/1	119/4	119/1	115	115/2	119/2	120/1	119/7	128/3	119/3
3 C. W. Six-Row.....	106/7	114/5	116/4	114/6	110/7	111/3	113/5	118/2	117/4	126/7	115/6
1 C. W. Two-Row.....	115/6	121/4	121/4	114/6	110/7	111/3	113/5	118/2	117/4	126/7	115/6
2 C. W. Two-Row.....	110/4	113	111/1	112/3	110/3	110/3	113/5	118/2	117/3	125	113/6
3 C. W. Yellow.....	108/3	113/7	110/4	111/5	109/3	109/5	113/5	117/2	117/3	125	112/7
2 C. W. Yellow.....	107/4	112/1	107/4	110/4	107/2	107/5	113/5	116/4	117/3	123/4	111/5
1 Feed.....	104/4	109/1	105/5	109/4	106/2	107/1	112/6	115/1	116/2	122/2	110
2 Feed.....	103	103	103	105	102/2	104	109/5	110/3	111/4	119/3	106/1
3 Feed.....	101	106/7	103	105	102/2	104	109/5	110/3	111/4	119/3	106/1
RYE—											
(1) Domestic and Export Sales and Producers' Prices—											
159/4	145	164/1	154/1	148/5	114/4	114/4	118/6	125/7	129/6	141/1	140
3 C. W.....	141/5	159/2	149/6	145	111/1	112/1	115/3	121/2	125/3	136/2	136
3 C. W.....	135/3	155/1	145	138/5	103/1	102/3	110	115/7	120	131/1	129/6
4 C. W.....	134/5	144/7	135	128/5	98/2	92/2	100/4	107/7	112	123/1	119/7
Ergoty.....	123	141/1	135	128/5	98/2	97/3	105/4	112/7	117	128/1	125/2
Rejected 2 C. W.....	140/2	150/2	140	133/5	98/2	97/3	105/4	112/7	117	128/1	125/2

BOARD OF GRAIN COMMISSIONERS FOR CANADA—Concluded

MONTHLY AVERAGE FIXED WESTERN GRAIN PRICES AND OPEN MARKET CLOSING CASH QUOTATIONS, CROP YEAR 1948-49—Concluded

—		August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(b) WINNIPEG GRAIN EXCHANGE CASH QUOTATIONS (<i>Cont'd</i>)														
FLAXSEED—														
(1) <i>Domestic and Export Sales and Producers' Prices</i> ² —														
1 C.W.....	431/3	406/4	400	400/2	400	400	400	400	400	400	400	400	400	403/1
2 C.W.....	427/3	402/3	395	395/2	395	395	395	395	395	395	395	395	395	398/3
3 C.W.....	412/3	390	384	384	384	384	384	384	384	384	384	384	384	386/7
4 C.W.....	399/6	375/5	375	375	375	375	375	375	375	375	375	375	375	377/1

(Cents and eighths per bushel)

¹ Basis in Store Fort William-Port Arthur or Vancouver.² Effective April 1, 1949, the initial payment to producers on deliveries of Western Wheat was advanced 20c. per bushel to \$1.75 per bushel basis No. One Northern Wheat in store Fort William-Port Arthur or Vancouver and made retroactive to August 1, 1945.³ Covers sales for Seed and Feed or to Mills and includes 5c. per bushel carrying charge. Sales prices to Distillers at the discretion of the Board.⁴ Includes carrying charges—3½c. per bushel, August 1, 1948 to September 30, 1948 and 5c. per bushel during the remainder of the Crop Year.⁵ Basis in Store Fort William-Port Arthur.⁶ August 20, 1948 to May 8, 1949, inclusive, no official quotations; effective May 9, 1949 to July 29, 1949 Wheat Board selling price established for Flaxseed at \$3.80 per bushel basis 1 C.W. in Store Fort William-Port Arthur.⁷ Following the removal of Flaxseed price ceilings on August 1, 1948, the Winnipeg Grain Exchange resumed trading in Flaxseed Cash and Futures on August 16, 1948.*Note:* The Canadian Wheat Board was authorized to support the price for Canada Western Oats and Barley during the 1948-49 Crop Season, basis 1 C.W.Oats—66½c. per bushel, and 1 C.W. Six-Row Barley—94c. per bushel and to buy all Flaxseed offered at a basis of \$4.00 per bushel 1 C.W. Flaxseed in store Fort William-Port Arthur.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, CROP YEAR 1ST AUGUST, 1948, TO 31ST JULY, 1949.
SUMMARY OF OVERAGES OR SHORTAGES

Date of Audit	Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain		Corn	
		Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage	Overage	Shortage
July 22-25	Calgary, Alta.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	lbs.	lbs.	bus.	bus.
July 8-9	Edmonton, Alta.	517-00	79-05	22-24		142-22		1,701-22		4-46					1,030		11-30
July 12	Lethbridge, Alta.	466-40		530-10				43-06									77-45
July 20	Saskatoon, Sask.	446-20				108-08			2-04								
July 27-29	Moose Jaw, Sask.								7-34								
	Totals	1,430-00	79-05	565-32	14-14	250-30		1,755-00	9-38	4-46		35-32	392-26	46,810	400		
	Net total Overage	1,350-55		551-18		250-30		1,745-10		4-46				45,320	1,400		89-19
	or Shortage												356-50				89-19

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS AND DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1948 TO JULY 31, 1949 OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT 1930 AND AMENDMENTS THERE TO

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
	<i>Canadian Government Elevators—</i>	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
July 22-25.....	Calgary, Alta.....								216-20	86-20	86-30		4-00
July 8-9.....	Edmonton, Alta.....									3-50	12-20		
July 12.....	Lethbridge, Alta.....			128-00	191-00				223-30				
July 20.....	Saskatoon, Sask.....				146-40					4-50			
July 27-29.....	Moose Jaw, Sask.....									4-00			

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C. W. GARNET GRADES OF WHEAT AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR August 1, 1948 to July 31, 1949, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138 CANADA GRAIN ACT, 1920, AND AMENDMENTS THERE TO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY						
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
		bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
	<i>Canadian Consolidated Grain Co.</i>												
July 5-6	Empire								2-50	8,074-50	222-00		1,406-40
July 4-7	Thunder Bay								19,112-30	6,517-30	2,390-30		125-00
	<i>Eastern Terminal Elevator Co. Ltd.</i>												
July 30-Aug. 4	Richardson							5-00	419-30	922-10	351-10	2-50	2,647-10
	<i>Federal Grain Limited</i>												
July 30-Aug. 10	Northwestern								3,671-30	1,850-10	891-20		39-20
June 23-28	Stewart								4,432-40	8,565-50	1,279-10		
Aug. 11-16	<i>Fort William Elevator Co. Ltd.</i>								83-50	1,073-50	971-20		
Dec. 14-17	<i>Lakehead Terminals Ltd.</i>		15-10							53-50	48-30		
	<i>Manitoba Pool Elevators</i>												
May 6-10	Terminal No. 1						1,966-50		277-50	2,027-30	1,009-30	1,968-00	
April 28-May 3	Terminal No. 2								273-10	6,797-40	1,135-30		
June 21-25	Terminal No. 3								1,358-00	5,128-40	3,019-30		
Aug. 5	Terminal No. 6												
June 2-4	Terminal No. 9								341-50	940-40	158-30		
	<i>McCabe Grain Co. Ltd.</i>												
Dec. 13-18	Dominion Gov't Elevator					-10		5-10	1,803-00	3,391-40	95-20		54-20
	<i>National Grain Co. Ltd.</i>												
Dec. 17-24	G.T.P.		150-00		1,637-10			12-10		10,830-20			174-40
Dec. 6-10	<i>Ogilvie Flour Mills Co. Ltd.</i>								1,092-40	2,824-40	685-00		
Dec. 15-20	<i>N. M. Paterson & Co.</i>								893-40	5,635-20	2,239-40		
Dec. 10-11	<i>Reliance Grain Co.</i>								1,760-20	2,344-10	529-40		12-40

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR AUGUST 1, 1948 TO JULY 31, 1949, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138 CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO—*Concluded*

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1	1	2	3	1 C.W. Garnet	2 C.W. Garnet	1	1	2	3	1 C.W. Garnet	2 C.W. Garnet
		Hard	Northern	Northern	Northern	bus.	bus.	Hard	Northern	Northern	Northern	bus.	bus.
June 16-28.....	<i>Saskatchewan Pool Terminals Ltd.</i>	bus.	bus.	bus.	bus.	.....	bus.	bus.	bus.	bus.	bus.	bus.	bus.
Dec. 20-30.....	Terminal No. 4 and 4B.	.....	.....	.....	.....	.....	.....	.....	17,706-30	33,997-40	4,756-20	1,344-10	900-30
	Terminal No. 7.....	.....	.....	.....	.....	.....	287-40	5-00	12,475-30	99,636-00	16,394-20	58-40	.....
July 30-Aug. 10..	<i>Searle Grain Co.</i>	.....	.....	.....	.....	.....	.....	.....	8,881-30	28,630-10	20,063-50	551-20	141-10
Dec. 16-18.....	<i>Superior Elevator Co. Ltd. "P & H"</i>	.....	798-00	.....	755-00	.....	.....	.....	.....	4,913-20	.....	.....	5-00
Aug. 4-12.....	<i>United Grain Growers Term. Ltd.</i>	.....	.....	.....	1,611-30	.....	.....	.....	558-40	14,272-40	.....	.....	18-10
Dec. 16-20.....	<i>Western Grain Co. Ltd.</i>	.....	.....	.....	.....	.....	.....	542-10	1,539-40	7,155-00	6,099-40	13-00	203-30

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR AUGUST 1, 1948, TO JULY 31, 1949, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, CHURCHILL AND NORTH TRANSCONA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1	1	2	3	1 C.W. Garnet	2 C.W. Garnet	1	1	2	3	1 C.W. Garnet	2 C.W. Garnet
		Hard	Northern	Northern	Northern	bus.	bus.	Hard	Northern	Northern	Northern	bus.	bus.
1949	VANCOUVER-NEW WESTMINSTER	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
July 23-Aug. 5...	Alberta Wheat Pool.....								29,777-10	23,662-40	22,026-50	19-00	704-50
July 25-Aug. 1...	Midland Pacific Terminals.....								390-40	1,996-40	4,253-40	131-50	290-50
July 25-Aug. 1...	Pacific Elevators Ltd.....					138-40			13,275-00	10,729-10	10,939-20	.....	502-20
July 28-Aug. 5...	James Richardson & Sons.....		12-40						.....	184-40	162-40	8-50	79-10
July 20-22.....	Searle Grain Co. Ltd.....								2,704-10	4,506-40	3,345-00	54-00	978-20
July 4-12.....	United Grain Growers Terminals.....								8,969-20	6,671-50	7,041-40	80-40	651-10
	<i>Churchill, Man.</i>												
Oct. 14-18, 1948...	National Harbours Board Elevator.....				154-00				1,070-30	4,140-10	.....	.....	1,484-20
	<i>North Transcona, Man.</i>												
July 13, 1949.....	Eastern Terminal Elevator Co.....								61-50	136-10	14-10	.....	.....

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE AND SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP DURING CROP YEAR 1ST AUGUST, 1948, TO 31ST JULY, 1949, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1949			bus.	bus.
April 4.....	Collingwood— Collingwood Terminals Ltd.....	Western Canadian Wheat.....		307-40
		Western Canadian Oats.....		1,725-27
		Western Canadian Barley.....		779-32
		Western Canadian Sample Grain.....		150 lbs.
		Western Canadian Mixed Grain.....	1,190 lbs.	.....
		Western Canadian Screenings.....		1,910 lbs.
March 24— April 15.....	Goderich— Goderich Elev. & Transit Co.....	Western Canadian Wheat.....		4,754-44
		Western Canadian Oats.....		4,379-15
		Western Canadian Barley.....		3,063-46
		Western Canadian Rye.....		51-40
		Western Canadian Flaxseed.....		24-25
		Western Canadian Sample Grain.....		1,430 lbs.
		Western Canadian Screenings.....		25,084 lbs.
		U.S.A. Corn.....		1,806-26
		U.S.A. Soya Beans.....		38-00
March 31— April 1.....	Goderich— Purity Flour Mills Co. Ltd.....	Western Canadian Wheat.....		6,059-00
		Western Canadian Oats.....		27-02
		Western Canadian Barley.....		1,228-29
		Western Canadian Screenings.....		10,640 lbs.
		U.S.A. Corn.....		5-00
March 14— March 22.....	Humberstone— Robin Hood Flour Mills.....	Western Canadian Wheat.....		677-50
		U.S.A. Wheat.....		179-50
Jan. 31— Feb. 4.....	Kingston— Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		5,581-40
		Western Canadian Oats.....		121-19
		Western Canadian Barley.....		1,677-14
		Western Canadian Rye.....		513-05
		Western Canadian Flaxseed.....		1,157-40
		U.S.A. Barley.....		256-46
March 3— March 4.....	Midland— Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		17-20
		Western Canadian Oats.....		17-12
		Western Canadian Barley.....	423-25	.....
		Western Canadian Flaxseed.....		168-30
		U.S.A. Oats.....		931-25
March 9— March 15.....	Midland— C.N.R. Elevator.....	Western Canadian Wheat.....		3,309-10
		Western Canadian Oats.....		225-03
		Western Canadian Barley.....		289-40
		Western Canadian Rye.....		345-44
		Western Canadian Flaxseed.....		154-54
		U.S.A. Corn.....		20-19
March 28— April 13.....	Midland— Canada Steamship Lines El.....	Western Canadian Wheat.....		1,439-20
		Western Canadian Oats.....	120-19	.....
		Western Canadian Barley.....		47-40
		Western Canadian Flaxseed.....		344-10
March 4— March 9.....	Midland— Midland-Simcoe Elevator.....	Western Canadian Wheat.....		3,826-30
		Western Canadian Oats.....		2,499-26
		Western Canadian Barley.....		1,924-02
		Western Canadian Rye.....		124-15
		Western Canadian Mixed Grain.....		1,390 lbs.
		U.S.A. Corn.....		182-34

ANNUAL WEIGH-UP, CROP YEAR 1948-49—(Continued)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1949			bus.	bus.
April 16- April 20.....	<i>Owen Sound—</i> Great Lakes Elevator Co. Ltd....	Western Canadian Wheat.....		7,604-20
		Western Canadian Oats.....		1,006-14
		Western Canadian Barley.....		1,089-10
		Western Canadian Rye.....		76-12
		Western Canadian Flaxseed.....		103-53
		Western Canadian Mixed Grain.....		1,867 lbs.
		U. S. A. Corn.....		2,897-11
		U.S.A. Screenings.....	23,870 lbs.	
May 5- May 6.....	<i>Montreal—</i> Dominion Elevator Co. Ltd.....	Western Canadian Wheat.....		301-10
		Western Canadian Oats.....		269-06
		Western Canadian Barley.....	208-41	
		Western Canadian Mixed Grain.....		790 lbs.
		Western Canadian Screenings.....		3,144 lbs.
		U.S.A. Corn.....		36-20
Feb. 8- Feb. 9.....	<i>Quebec—</i> National Harbours Board El.....	Western Canadian Wheat.....		66-00
		Western Canadian Oats.....		330-24
		Western Canadian Barley.....		104-33
		Western Canadian Rye.....		12,643-08
		Western Canadian Screenings.....		1,060 lbs.
		U.S.A. Corn.....		65-11
Feb. 11.....	<i>Sorel—</i> North American Elevators Ltd....	Western Canadian Wheat.....		5,286-40
		Western Canadian Oats.....		657-11
		Western Canadian Barley.....		1,409-02
		Western Canadian Rye.....		737-43
		Western Canadian Screenings.....		60 lbs.
		U.S.A. Barley.....		257-21
Feb. 7.....	<i>Three Rivers—</i> Three Rivers Gr. & El. Co. Ltd..	Western Canadian Wheat.....		5,134-50
		Western Canadian Oats.....		19-02
		Western Canadian Barley.....	6-41	
May 9- May 10.....	<i>Halifax—</i> National Harbours Board Elev....	Western Canadian Wheat.....		5,272-50
		Western Canadian Oats.....		13-23
		Western Canadian Barley.....		2-04
		U.S.A. Corn.....		1-49
May 11.....	<i>St. John—</i> C.N.R. Elevator.....	Western Canadian Wheat.....		1-50
		Western Canadian Oats.....		64-15
		Western Canadian Barley.....		33-21
May 11.....	<i>West St. John—</i> C.P.R. Elevator "B".....	Western Canadian Wheat.....		3,023-00
		Western Canadian Oats.....		161-29
		Western Canadian Barley.....		376-18
		Western Canadian Rye.....		10-00
		Western Canadian Flaxseed.....		434-55
May 11.....	<i>West St. John—</i> C.P.R. Elevator "H".....	Western Canadian Wheat.....		4,166-30
		Western Canadian Oats.....		29-19
		Western Canadian Barley.....		70-13
		Western Canadian Flaxseed.....		18-52
March 11- March 14.....	<i>Port Colborne—</i> National Harbours Board Elev....	Western Canadian Wheat.....		5,704-50
		Western Canadian Oats.....		61-20
		Western Canadian Barley.....		1,278-34
		Western Canadian Rye.....		192-52
		Western Canadian Flaxseed.....		228-06
March 4- March 10.....	<i>Port Colborne—</i> Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		6,153-30
		Western Canadian Oats.....		372-14
		Western Canadian Barley.....		16-12
		Western Canadian Mixed Feed Oats Groats.....	15,158-28	
		U.S.A. Wheat.....		134-40
		U.S.A. Corn.....		88-02

ANNUAL WEIGH-UP, CROP YEAR 1948-49—(Concluded)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1949			bus.	bus.
March 16- March 25.....	<i>Port McNicoll—</i> C.P.R. Elevator.....	Western Canadian Wheat.....		4,716-40
		Western Canadian Oats.....		81-31
		Western Canadian Barley.....		844-42
		Western Canadian Rye.....		40-11
		Western Canadian Flaxseed.....		222-33
		Western Canadian Sample Grain.....		3,000 lbs.
		U.S.A. Oats.....		1,341-10
Feb. 3.....	<i>Prescott—</i> National Harbours Board Elev....	Western Canadian Wheat.....		1,082-40
		Western Canadian Oats.....		1,628-01
		Western Canadian Barley.....	1,587-06	
		Western Canadian Rye.....	21-55	
		Western Canadian Flaxseed.....		149-49
		Western Canadian Mixed Grain.....	51,660 lbs.	
		Western Canadian Sample Grain.....		50 lbs.
		Western Canadian Screenings.....		74,930 lbs.
		U.S.A. Corn.....		379-16
April 16- April 26.....	<i>Sarnia—</i> Sarnia Elevator Co. Ltd.....	Western Canadian Wheat.....		9,005-38
		Western Canadian Oats.....		1,703-20
		Western Canadian Barley.....		70-14
		U.S.A. Corn.....		1,221-11
April 4- April 13.....	<i>Toronto—</i> Toronto Elevators Ltd.....	Western Canadian Wheat.....		4,461-20
		Western Canadian Oats.....		557-14
		Western Canadian Barley.....		2,471-37
		Western Canadian Rye.....		23-10
		Western Canadian Flaxseed.....		527-35
		Western Canadian Screenings.....		40 lbs.
		U.S.A. Corn.....		2,206-30
		U.S.A. Soy Beans.....		1-10
April 28- April 30.....	<i>Walkerville—</i> Hiram Walker & Sons Grain Corp.	Western Canadian Wheat.....		1,495-10
		Western Canadian Oats.....		371-25
		Western Canadian Barley.....	329-47	
		Western Canadian Rye.....		266-25
		U.S.A. Wheat.....		4-20
		U.S.A. Barley.....		114-41
		U.S.A. Corn.....		596-46
		Origin Unknown Screenings.....	14,810 lbs.	
Feb. 14- Feb. 28.....	<i>Montreal—</i> National Harbours Board Elev....	Western Canadian Wheat.....		8,883-40
		Western Canadian Oats.....		6,529-32
		Western Canadian Barley.....		2,620-14
		Western Canadian Rye.....		1,658-17
		Western Canadian Flaxseed.....		1,302-28
		Western Canadian Mixed Grain.....	247,350 lbs.	
		Western Canadian Sample Grain.....		252,070 lbs.
		Western Canadian Sorgs.....		82,310 lbs.
		Western Canadian Buck- wheat.....		1-10
		U.S.A. Oats.....		1,338-12
		U.S.A. Rye.....	50 lbs.	
		U.S.A. Corn.....		998-16
		U.S.A. Rice.....		
		Origin Unknown Rye.....	30 lbs.	

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1948-49

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, DURING CROP YEAR, AUGUST 1, 1948 TO JULY 31, 1949, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT 1930 AND AMENDMENTS THERETO

Date of Audit, July 21, 1949	Calgary, Alberta	
	Canada Malting Co. Ltd. No. 1	
	Excess	Deficiency
	bus.	bus.
1 Hard.....		
1 Northern.....		15-20
2 Northern.....		5-00
3 Northern.....		
1 C.W. Garnet.....		
2 C.W. Garnet.....		24-40

No wheat of the above grades was handled or in store in the following elevators:

<i>Date of Audit</i>	<i>Elevator Company</i>	<i>Location</i>
July 19, 1949	Canada Malting Co. Ltd., No. 2.....	Calgary, Alta.
Nov. 12, 1948	Canada Malting Co. Ltd.....	Winnipeg, Man.
July 21, 1949	Canada Malting Co. Ltd.....	Port Arthur, Ont.
Nov. 16, 1948	Dominion Malting Co. Ltd.....	South Transcona, Man.
July 26, 1949	United Grain Growers Terminals Ltd.....	Edmonton, Alta.
June 22, 1949	National Grain Co. Ltd. (D. & S.).....	Fort William, Ont.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1949

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 J. Vallance, Commissioner, Board of Grain Commissioners
 A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
 J. Forsyth, Chairman, Grain Appeal Tribunal, Winnipeg
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary
 Dr. J. A. Anderson, Chief Chemist, Dominion Grain Research Laboratory
 Dr. C. H. Goulden, Dominion Cerealists
 W. A. Hastings, representing the millers of wheat flour

George Bennett

W. H. Fairfield

R. H. MacDonald

B. S. Plumer

Representing grain growers in Alberta

A. F. Sproule

Prof. M. Champlin

J. Wellbelove

L. L. Gray

G. S. Canfield

Representing grain growers in Saskatchewan

W. J. Parker

R. Barrett

Ray Mitchell

Representing grain growers in Manitoba

G. Constable, representing grain growers in British Columbia

Nelson Young, representing Plant Products Division, Department of Agriculture

COMMITTEE ON EASTERN GRAIN STANDARDS, 1949

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners

D. A. MacGibbon, Commissioner, Board of Grain Commissioners

J. Vallance, Commissioner, Board of Grain Commissioners

A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners

N. Clare Wight, representing Montreal Board of Trade

E. D. Sullivan, representing Toronto Board of Trade

Guy D. Robinson, representing exporters of grain

F. H. Dunsford

H. Norman Davis

Representing millers of wheat in the Eastern Division

N. M. Marshall

W. A. Amos

Representing grain growers in Ontario

Wm. Wallace

J. M. Vittie

John W. Ham

Additional—representing growers of corn

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

Winnipeg

J. Forsyth, Chairman
 Grant Hammond
 W. E. McLeod
 A. F. Moore
 James Gregory
 S. C. Swanton
 J. F. Lazenby
 D. K. Mills
 H. R. Ballance
 J. A. Wittebolle
 (Acting Secretary)

Calgary

P. J. Marples, Chairman
 T. F. Allison
 J. Tranter
 W. N. Pringle
 W. McLeod
 E. J. Munson
 G. C. Arbuthnott
 A. Watson
 G. R. Deeton

Edmonton

C. R. Manahan, Chairman
 J. F. Schofield
 W. H. Boyle
 J. R. MacRae
 T. Stickney
 J. A. Kyle
 H. A. Haggarty
 C. E. Sage
 Ross Saunders
 D. K. McKay (Secretary)

Toronto

John W. Ham
 C. H. Coatsworth
 R. O. Pratt
 N. H. Campbell
 C. W. Heimbecker
 L. S. Johnson
 W. H. McCarthy
 W. A. Robertson
 E. D. Sullivan
 K. F. Wadsworth
 F. D. Tolchard (Secretary)

Montreal

A. Chaplin
 T. B. Earle
 J. A. Byrne
 J. M. Vittie
 T. A. Climo
 E. Lorne Tracey (Secretary)

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1949

	Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	351	18	Nil	333
Calgary.....	454	73	Nil	381
Edmonton.....	331	43	Nil	288
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	1,136	134	Nil	1,002

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MANITOBA,
November 29, 1949.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit hereunder statement showing the total registrations and registrations for cancellation of terminal warehouse receipts, Western Division, and Eastern warehouse receipts or transfer receipts, during the crop year ended July 31, 1949:

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	175,260,030	179,088,055
Oats.....	56,639,405	60,383,510
Barley.....	44,617,489	46,605,511
Flax.....	15,003,754	10,210,191
Rye.....	15,281,292	12,327,151
Mixed Grain.....	1,077,544	536,619
Peas.....	361	431
Corn.....	25,600	119,463
<i>Vancouver—</i>		
Wheat.....	65,924,417	62,009,998
Oats.....	1,943,159	3,170,971
Barley.....	402,208	523,967
Flax.....	972	2,680
Rye.....	174,569	131,362
Mixed Grain.....	30,454	17,670
Corn.....	4,048	3,859
<i>Calgary—</i>		
Wheat.....	347,846	335,550
Oats.....	83,097	123,637
Barley.....	1,763,779	1,817,159
Flax.....	1,606	3,374
Rye.....	20,760	4,845
Mixed Grain.....	2,328	5,869
Corn.....	14,927	Nil
Oats, Groats.....	80	Nil
<i>Edmonton—</i>		
Wheat.....	140,035	216,178
Oats.....	269,984	301,458
Barley.....	36,029	60,236
Flax.....	992	905
Rye.....	Nil	Nil
Mixed Grain.....	2,222	2,285
Corn.....	10,014	9,528
<i>Lethbridge</i>		
Wheat.....	10,425	8,312
Oats.....	129	3,495
Barley.....	105	232
Flax.....	57,792	57,776
Mixed Grain.....	105	105

	Bushels Registered	Bushels Registered for Cancellation
<i>Moose Jaw—</i>		
Wheat.....	3,182	9,178
Oats.....	29,543	49,595
Barley.....	63,528	42,098
Flax.....	2,854	8,171
Rye.....	3,335	3,376
Mixed Grain.....	3,451	15,895
Rapeseed.....	814,755	674,119
<i>Saskatoon—</i>		
Wheat.....	14,011	20,646
Oats.....	13,091	13,906
Barley.....	Nil	Nil
Flax.....	137,403	183,442
Mixed Grain.....	874	9,700
Rapeseed.....	267,181	267,211
<i>Summary—Western Division—</i>		
Wheat.....	241,699,946	241,687,917
Oats.....	58,978,408	64,046,572
Barley.....	46,883,138	49,049,203
Flax.....	15,205,373	10,466,539
Rye.....	15,479,956	12,466,734
Mixed Grain.....	1,116,978	588,143
Corn.....	54,589	132,850
Rapeseed.....	1,081,936	941,330
Peas.....	361	431
Oats, Groats.....	80	Nil
Total All Grains.....	380,500,765	379,379,719

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	255,500,598	241,535,551
Oats.....	35,341,347	34,964,767
Barley.....	35,142,946	36,640,120
Flax.....	14,910,065	11,360,697
Rye.....	8,753,099	7,016,763
Mixed Grain.....	367,676	315,592
Corn.....	9,134,969	8,980,718
Screenings.....	591,052	575,419
Buckwheat.....	43,795	35,791
Beans.....	859,460	889,581
Peas.....	Nil	4,372
Oats, Groats.....	15,158	15,158
Dried Grains.....	10,922	7,200
Total All Grains.....	360,671,087	342,341,729

Yours respectfully,

E. L. JAFFRAY,
Registrar.

APPENDIX No. 5

REPORT OF CHIEF GRAIN INSPECTOR

1064 Grain Exchange,
WINNIPEG, MAN.,

December 19, 1949.

Mr. J. Rayner, Secretary,
WINNIPEG, MAN.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1949.

The crop in parts of Southern and Central Saskatchewan was affected by drought reducing the yield of all grains.

A period of drought in Central Alberta followed by late rains caused second growth kernels to appear in the Red Spring Wheat crop. This defect together with frost damage resulted in a considerable quantity of wheat from this area to be graded into the commercial grades.

The total number of cars inspected in the Western Division for the year 1948-49 was 253,282 as against 216,936 for the previous year, an increase of 36,346 cars.

Yours truly,

A. F. DOLLERY,
Chief Grain Inspector.

WESTERN DIVISION

The Total Primary Inspections in the Western Division from August 1, 1948 to July 31, 1949 are made up as follows:

	Cars	Percentages
Wheat.....	166,708	65.819
Oats.....	32,038	12.649
Barley.....	33,096	13.067
Flax.....	11,069	4.372
Rye.....	9,149	3.613
Mixed Grain.....	579	0.230
Corn.....	118	0.047
Buckwheat.....	10	Nil
Screenings.....	457	0.181
Sunflower Seeds.....	3	Nil
Peas.....	55	0.022
Totals.....	253,282	100.000

The Grades of Wheat are as follows:

	Cars	Percentage	Percentage of Total Wheat Inspections
1 Manitoba Hard.....	9	0-006	.....
1 Manitoba Northern.....	51,173	33-572	.....
2 Manitoba Northern.....	67,625	44-365	.....
3 Manitoba Northern.....	15,580	10-221	.....
4 Manitoba Northern.....	3,423	2-246	.....
No. 4 Special.....	162	0-106	.....
No. 5.....	3,601	2-362	.....
No. 6.....	382	0-251	.....
Feed.....	40	0-026	.....
Sample.....	248	0-163	.....
Smutty.....	194	0-127	.....
Tough.....	8,666	5-685	.....
Damp.....	173	0-114	.....
Rejected.....	1,152	0-756	.....
Total Red Spring Wheats.....	152,428	100-000	91-434
1 Canada Western Garnet.....	64	2-401	.....
2 Canada Western Garnet.....	732	27-457	.....
3 Canada Western Garnet.....	1,343	50-375	.....
Smutty Canada Western Garnet.....	2	0-075	.....
Tough Canada Western Garnet.....	501	18-792	.....
Damp Canada Western Garnet.....	1	0-037	.....
Rejected Canada Western Garnet.....	22	0-826	.....
Sample Canada Western Garnet.....	1	0-037	.....
Total Garnet Wheats.....	2,666	100-000	1-599
1 Canada Western Amber Durum.....	66	0-733	.....
2 Canada Western Amber Durum.....	1,874	20-818	.....
3 Canada Western Amber Durum.....	6,538	72-628	.....
4 Canada Western Amber Durum.....	229	2-544	.....
5 Canada Western Amber Durum.....	5	0-055	.....
Smutty Canada Western Amber Durum.....	18	0-200	.....
Tough Canada Western Amber Durum.....	79	0-878	.....
Damp Canada Western Amber Durum.....	1	0-011	.....
Rejected Canada Western Amber Durum.....	149	1-655	.....
Sample Canada Western Amber Durum.....	43	0-478	.....
Total Amber Durum Wheats.....	9,002	100-000	5-400
1 Canada Western Soft White Spring.....	62	10-368	.....
2 Canada Western Soft White Spring.....	471	78-763	.....
3 Canada Western Soft White Spring.....	30	5-017	.....
4 Canada Western Soft White Spring.....	11	1-840	.....
Tough Canada Western Soft White Spring.....	19	3-177	.....
Damp Canada Western Soft White Spring.....	2	0-234	.....
Rejected Canada Western Soft White Spring.....	2	0-334	.....
Sample Canada Western Soft White Spring.....	1	0-167	.....
Total Soft White Spring Wheats.....	598	100-000	0-359
1 Canada Western Mixed Wheat.....	76	31-020	.....
2 Canada Western Mixed Wheat.....	9	3-674	.....
3 Canada Western Mixed Wheat.....	57	23-265	.....
4 Canada Western Mixed Wheat.....	3	1-224	.....
5 Canada Western Mixed Wheat.....	65	26-531	.....
Tough Canada Western Mixed Wheat.....	14	5-714	.....
Smutty Canada Western Mixed Wheat.....	2	0-817	.....
Rejected Canada Western Mixed Wheat.....	19	7-755	.....
Total Mixed Wheats.....	245	100-000	0-147
1 Alberta Red Winter.....	944	53-364	.....
2 Alberta Winter.....	461	26-059	.....
3 Alberta Winter.....	137	7-745	.....
Tough Alberta Winter.....	93	5-257	.....
Damp Alberta Winter.....	8	0-452	.....
Smutty Alberta Winter.....	83	4-692	.....
Rejected Alberta Winter.....	42	2-374	.....
Sample Alberta Winter.....	1	0-057	.....
Total Alberta Winter Wheats.....	1,769	100-000	1-061
Total All Wheats.....	166,708	.....	100-000

The Grades of Oats are as follows:

	Cars	Percentages
2 Canada Western.....	557	1.739
Extra 3 Canada Western.....	3,368	10.513
3 Canada Western.....	7,311	22.820
Extra 1 Feed.....	3,836	11.973
1 Feed.....	11,837	36.947
2 Feed.....	3,021	9.429
3 Feed.....	638	1.991
Mixed Feed Oats.....	16	0.050
Rejected Oats.....	104	0.324
Sample.....	41	0.128
Tough.....	1,301	4.061
Damp.....	8	0.025
Total Oats.....	32,038	100.000

The Grades of Barley are as follows:

2 Canada Western Six Row.....	3,061	9.249
3 Canada Western Six Row.....	6,748	20.389
2 Canada Western Two Row.....	149	0.450
2 Canada Western Yellow.....	36	0.109
3 Canada Western Yellow.....	138	0.417
1 Feed.....	10,054	30.378
2 Feed.....	8,281	25.021
3 Feed.....	2,342	7.076
Rejected.....	178	0.538
Sample.....	68	0.206
Tough.....	1,966	5.940
Damp.....	75	0.227
Total Barley.....	33,096	100.000

The Grades of Flax are as follows:

1 Canada Western.....	10,445	94.362
2 Canada Western.....	327	2.954
3 Canada Western.....	138	1.247
4 Canada Western.....	14	0.127
Sample.....	87	0.786
Tough.....	52	0.470
Damp.....	1	0.009
Flax and Broken Grain.....	5	0.045
Total Flax.....	11,069	100.000

The Grades of Rye are as follows:

1 Canada Western.....	161	1.759
2 Canada Western.....	4,867	53.197
3 Canada Western.....	3,257	35.600
4 Canada Western.....	205	2.241
Ergoty Rye.....	238	2.601
Rejected.....	15	0.164
Tough.....	394	4.306
Damp.....	5	0.055
Sample.....	7	0.077
Total Rye.....	9,149	100.000

The Grades of Mixed Grain are as follows:

	Cars	Percentages
No. 1 Mixed Grain.....	94	16.235
No. 2 Mixed Grain.....	50	8.636
No. 3 Mixed Grain.....	357	61.658
Tough.....	43	7.427
Damp.....	7	1.209
Smutty Rejected.....	13	2.245
Sample.....	15	2.590
Total Mixed Grain.....	579	100.000

The Grades of Corn are as follows:

No. 1 Canada Western Yellow.....	21	17.796
No. 2 Canada Western Yellow.....	31	26.271
No. 3 Canada Western Yellow.....	5	4.238
No. 4 Canada Western Yellow.....	3	2.542
No. 5 Canada Western Yellow.....	2	1.695
Tough.....	3	2.542
Moist.....	22	18.644
Wet.....	26	22.034
Sample.....	5	4.238
Total Corn.....	118	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR, AUGUST 1, 1948-JULY 31, 1949

Point	Cars	Percentages
Winnipeg.....	178,092	70.314
Calgary.....	34,103	13.465
Moose Jaw.....	3,874	1.530
Saskatoon.....	4,864	1.920
Medicine Hat.....	2,874	1.135
Lethbridge.....	92	0.036
Vancouver.....	769	0.304
Edmonton.....	25,349	10.008
Churchill.....	3,265	1.288
Total.....	253,282	100.000

SUMMARY OF CARS RE-INSPECTED 1948-1949.

	Winnipeg			Calgary		
Cars Inspected.....	178,092			34,103		
Cars Re-inspected.....	27,160 15.25%			5,564 16.32%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	14,682	54.06	8.24	2,926	52.58	8.58
Grades Raised.....	5,739	21.13	3.22	1,625	29.21	4.76
Grades Lowered.....	546	2.01	0.31	86	1.55	0.25
Dockage Raised.....	804	2.96	0.45	276	4.96	0.80
Dockage Lowered.....	5,389	19.84	3.03	651	11.70	1.90
Total.....	27,160	100.00	15.25	5,564	100.00	16.29

	Edmonton			Saskatoon		
Cars Inspected.....	25,349			4,864		
Cars Re-inspected.....	6,914 27.28%			439 9.03%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	3,051	44.13	12.04	418	95.22	8.59
Grades Raised.....	946	13.68	3.73	21	4.78	0.43
Grades Lowered.....	202	2.92	0.80			
Dockage Raised.....	276	3.99	1.09			
Dockage Lowered.....	2,439	35.28	9.62			
Total.....	6,914	100.00	27.28	439	100.00	9.02
	Moose Jaw			Medicine Hat		
Cars Inspected.....	3,874			2,874		
Cars Re-inspected.....	192 4.96%			64 2.23%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	182	94.79	4.07	20	31.25	0.69
Grades Raised.....	9	4.69	0.30	30	46.87	1.04
Grades Lowered.....	1	0.52	0.03			
Dockage Raised.....				7	10.94	0.24
Dockage Lowered.....				7	10.94	0.24
Total.....	192	100.00	4.40	64	100.00	2.21
	Lethbridge			Vancouver		
Cars Inspected.....	92			769		
Cars Re-inspected.....	Nil			12 1.56%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....				11	91.66	1.43
Grades Raised.....				1	8.34	0.13
Grades Lowered.....						
Dockage Raised.....						
Dockage Lowered.....						
Total.....				12	100.00	1.56
				Churchill		
Cars Inspected.....				3,265		
Cars Re-inspected.....				Nil		
Reinspections				Cars	Percentage of Reinspections	
Left as Graded.....						
Grades Raised.....						
Grades Lowered.....						
Dockage Raised.....						
Dockage Lowered.....						
Total.....						

RECAPITULATION OF RE-INSPECTIONS

Total Cars Inspected.....		253,282	
Total Cars Re-inspected.....		40,345	15.93%
	Cars	Percentage of	
		Re-in- spections	Total Inspections
Left as Graded.....	21,290	52.77	8.46
Grades Raised.....	8,371	20.75	3.31
Grades Lowered.....	835	2.07	0.33
Dockage Raised.....	1,363	3.38	0.54
Dockage Lowered.....	8,486	21.03	3.35
Total.....	40,345	100.00	15.99

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent.
Left as Graded.....	333	94.87	288	87.00	331	83.92	1,002	88.20
Grades Raised.....	18	5.13	43	13.00	73	16.08	134	11.80
Grades Lowered.....								
Dockage Raised.....								
Dockage Lowered.....								
Total.....	351	100.00	331	100.00	454	100.00	1,136	100.00

PERCENTAGES OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per cent
Total Inspections.....	253,282	100.00
Total Appeals.....	1,136	0.45
Total Grades Changed.....	134	0.05

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1948 TO JULY 31, 1949

	Fort William and Port Arthur	Vancouver	Churchill
	bushels	bushels	bushels
Wheat.....	59,970,106	60,353,534-50	5,325,718-00
Oats.....	39,569,885	153,791-04	
Barley.....	37,906,165	111,166-32	
Rye.....	12,320,244	80,000-00	
Flax.....	9,624,600	142-48	
Screenings.....	3,845,540	3,333-20	
Mixed Grain.....	238,952		

OUTWARD CARS INSPECTED CROP YEAR, AUGUST 1, 1948 TO JULY 31, 1949, EX PUBLIC, SEMI-PUBLIC
AND PRIVATE ELEVATORS

—	Winnipeg	Calgary	Edmonton	Moose Jaw	Saskatoon	Medicine Hat	Lethbridge	Vancouver	Fort William and Port Arthur	Churchill
Wheat.....	203	141	112	173	44	1	1	766	7,381	.....
Oats.....	805	138	177	138	5	.....	.....	1,207	9,458	9
Barley.....	658	334	51	33	2	.....	.....	248	6,361	.....
Flax.....	38	1	1	4	105	.....	27	.....	461	.....
Rye.....	21	5	.....	2	11	.....	.....	30	183	.....
Mixed Grain.....	90	56	1	53	4	.....	.....	5	226	.....
Corn.....	35	.....	3	.....	.....	.....	.....	.....	.....	.....
Screenings.....	365	301	4	198	224	.....	4	585	2,401	58
Buckwheat.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corn U.S.A.....	.....	.....	.....	.....	.....	.....	.....	.....	61	.....
Total.....	2,216	976	349	601	395	1	32	2,841	26,532	67

EASTERN DIVISION

SUMMARIZED STATEMENT, AUGUST 1, 1948-JULY 31, 1949

TOTAL INSPECTIONS

Carloads—

Grain grown in the Eastern Division:

	Cars	Cars
At Montreal.....	1,590	
At Toronto.....	2,033	
At Chatham.....	8,337	
		11,960

Cargoes—

Grain grown in the Eastern Division:

	Bushels	Bushels
At Montreal.....	4,232,807	
At Toronto.....	305,128	
At Chatham.....	417,063	
		4,954,998

Bin Inspection—

Grain grown in the Eastern Division:

	Bushels	Bushels
At Montreal.....	1,451,186	
At Toronto.....	26,296	
At Chatham.....	10,091	
		1,487,573

GRAIN SAMPLED BUT NOT INSPECTED (FEES), AUGUST 1, 1948-JULY 31, 1949

	Montreal	Toronto	Chatham
<i>Carloads—</i>			
Western Grain.....	247		7
Eastern Grain.....	947		158
United States Grain.....	12		1
Total.....	1,206		166

Cargoes—

	Bushels	Bushels
Western Grain.....	5,614,701	
Eastern Grain.....	11,888	
United States Grain.....	1,036,161	
		6,662,750

GRAIN SAMPLED BUT NOT INSPECTED (NO FEES), AUGUST 1, 1948-JULY 31, 1949

Cargoes—

	Bushels	Bushels
Western Grain (Export).....	118,203,253	
Western Grain (Export, in bags).....	419,948	
Western Grain (Inward).....	2,514,407	
		121,137,609

SUMMARIZED STATEMENT, AUGUST 1, 1948-JULY 31, 1949

RECAPITULATION BY POINTS

At Montreal—

	Bushels	Bushels
Export.....	70,990,912	
Export (in bags).....	394,825	
Inward.....	24,881,740	
		96,267,477

At Sorel—

	Bushels	Bushels
Export.....	13,328,805	
Inward.....	262,367	
		13,591,172

SUMMARIZED STATEMENT, AUGUST 1, 1948-JULY 31, 1949—*Concluded*RECAPITULATION BY POINTS—*Concluded*

<i>At Three Rivers—</i>		
Export.....	7,252,982	
<i>At Halifax—</i>		
Export.....	9,422,782	
<i>At St. John—</i>		
Export.....	14,312,198	
Export (in bags).....	25,123	
		14,337,321
<i>At Quebec—</i>		
Export.....	2,895,672	
Total.....		143,767,406

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....	30	70	19	119
No. 2 C.E. White Winter.....	147	264	37	448
No. 3 C.E. White Winter.....	33	38	13	84
No. 4 C.E. White Winter.....	1	7	1	9
No. 5 C.E. White Winter.....	1	1		2
No. 1 C.E. Red Winter.....		2	14	16
No. 2 C.E. Red Winter.....	1	2	22	25
No. 1 C.E. Mixed Winter.....	39	189	285	513
No. 2 C.E. Mixed Winter.....	348	277	801	1,426
No. 3 C.E. Mixed Winter.....	96	35	241	372
No. 4 C.E. Mixed Winter.....	5	2	22	29
No. 5 C.E. Mixed Winter.....			5	5
Tough.....	279	366	1,351	1,996
Damp.....		1	3	4
Smutty.....	25	103	83	211
Sample.....	41	33	9	83
<i>Oats—</i>				
Mixed Feed.....	14	63		77
No. 2 C.E. White.....			2	2
No. 3 C.E. White.....			1	1
Tough.....	21			21
<i>Barley—</i>				
No. 1 Feed.....		32		32
No. 2 Feed.....	2	10		12
No. 3 Feed.....	9	142		151
No. 2 C.E. Six Row.....			17	17
No. 3 C.E. Six Row.....		2	35	37
No. 4 C.E.....			4	4
No. 5 C.E.....			1	1
No. 6 C.E.....			1	1
Tough.....			14	14
Sample.....			1	1
<i>Rye—</i>				
No. 1 C.E.....	7		1	8
No. 2 C.E.....	55	20	110	185
No. 3 C.E.....	15	2	7	24
No. 4 C.E.....	2	1		3
Tough.....	19	6	110	135
Sample.....	3		11	14
<i>Buckwheat—</i>				
No. 2 C.E.....	1		1	2
No. 3 C.E.....		1		1
Tough.....	3	1	8	12
Damp.....		4	4	8
Sample.....	1		1	2
<i>Corn—</i>				
Extra Dry 1 C.E. Yellow.....			234	234
1 C.E. Yellow.....	2		367	369
Extra Dry 2 C.E. Yellow.....	2		157	159
2 C.E. Yellow.....	15	1	370	386

GRADES OF CARLOADS INSPECTED—Continued

	Montreal	Toronto	Chatham	Total
<i>Corn—Concluded</i>				
Extra Dry 3 C.E. Yellow.....	1	.....	80	81
3 C.E. Yellow.....	3	44	191	238
Extra Dry 4 C.E. Yellow.....	.....	1	36	37
4 C.E. Yellow.....	3	3	42	48
Extra Dry 5 C.E. Yellow.....	.....	.....	12	12
5 C.E. Yellow.....	1	.....	16	17
Extra Dry 1 C.E. White.....	.....	.....	24	24
1 C.E. White.....	.....	.....	58	58
Extra Dry 2 C.E. White.....	.....	.....	30	30
2 C.E. White.....	.....	.....	55	55
Extra Dry 3 C.E. White.....	.....	.....	9	9
3 C.E. White.....	5	.....	5	5
4 C.E. White.....	.....	.....	2	2
Extra Dry 1 C.E. Mixed.....	.....	.....	3	3
1 C.E. Mixed.....	1	.....	3	4
Extra Dry 2 C.E. Mixed.....	.....	.....	2	2
2 C.E. Mixed.....	1	.....	2	3
Extra Dry 3 C.E. Mixed.....	.....	.....	1	1
Extra Dry 5 C.E. Mixed.....	.....	.....	1	1
Tough.....	1	7	400	408
Damp.....	.....	1	260	261
Moist.....	2	1	771	774
Wet.....	1	.....	322	323
Sample.....	7	.....	1	8
<i>Beans—</i>				
1 C.E. Pea Beans.....	.....	.....	421	421
2 C.E. Pea Beans.....	.....	.....	219	219
3 C.E. Pea Beans.....	.....	.....	84	84
4 C.E. Pea Beans.....	.....	.....	13	13
Tough.....	.....	.....	3	3
Sample.....	.....	.....	2	2
<i>Peas—</i>				
2 C.E. White.....	5	.....	.....	5
3 C.E. White.....	.....	.....	.....	3
1 C.W. Small Yellow.....	3	.....	.....	3
2 C.W. Small Yellow.....	3	.....	.....	3
3 C.W. Small Yellow.....	4	.....	.....	4
<i>Soy Beans—</i>				
1 Can. Yellow.....	.....	11	97	108
2 Can. Yellow.....	.....	19	35	54
3 Can. Yellow.....	.....	.....	3	3
Tough.....	.....	39	304	343
Damp.....	.....	37	363	400
Moist.....	.....	10	70	80
Wet.....	.....	.....	5	5
<i>Flax—</i>				
No. 1 C.E.....	174	150	16	340
No. 2 C.E.....	43	1	2	46
No. 3 C.E.....	17	1	.....	18
No. 4 C.E.....	1	.....	.....	1
Tough.....	59	22	11	92
Damp.....	4	.....	.....	4
Sample.....	24	.....	.....	24
<i>Mixed Grain—</i>				
No. 3 C.E.....	.....	4	.....	4
No. 3 C.W.....	4	.....	.....	4
<i>Screenings.....</i>				
	11	7	.....	18
Total.....	1,590	2,033	8,337	11,960

APPENDIX No. 6

REPORT OF CHIEF GRAIN WEIGHMASTER

J. RAYNER, Esquire,
Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit herewith the following report of the Grain Weighing Branch of the Board for the crop year, 1948-49.

WEIGHING SERVICES

In the Western Division this Branch supplied weighing services to all Public Terminal Elevators, Semi-Public Terminal Elevators and Private Terminal Elevators licensed by the Board for the purpose of weighing all grain received into and shipped out of these elevators, as required under Sections 91 and 123 of the Act. Weighing services were also supplied to elevators operating under Mill Elevator licence. In the Eastern Division weighing services were supplied at elevators operating under Eastern Elevator licences located at the following points: Port McNicoll, Midland, Owen Sound, Goderich, Toronto and Sarnia (this service is supplied on a fee basis). At Montreal, weighing services are available when required on application to the Montreal office.

MAINTENANCE OF EQUIPMENT

At all licensed elevators where weighing services have been supplied, the equipment used for the weighing, receiving, shipping and transferring of grain has been kept in good condition and regularly inspected by officers of this Branch.

INSPECTION OF SCALES

The annual inspection of scales in the following elevators in the Western Division was carried out as required by the Standards Division Regulations respecting Weights and Measures and certificates of verification issued: all Semi-Public and Private Elevators located at Fort William and Port Arthur; Canadian Government Interior Elevators at Moose Jaw, Saskatoon, Edmonton, Calgary and Lethbridge; the National Harbours Board Elevator at Port Churchill and all licensed Semi-Public Terminal Elevators located at Pacific Coast Ports; also the annual inspection of scales in elevators licensed by the Board as Eastern Elevators located at the following ports: Port McNicoll, Midland, Collingwood, Owen Sound, Goderich, Sarnia, Walkerville, Toronto, Kingston, Prescott, Montreal, Sorel, Three Rivers, Quebec, Halifax, Saint John and West Saint John was made and certificates of verification issued according to the Standards Division Regulations. The above inspections were carried out by the Assistant Chief Weighmaster and myself. Special inspections were made of some of the scales when considered necessary.

CAR SHORTAGES

The number of complaints received on the outturns of cars unloading at Terminal Elevators during the crop year was very few. Those complaints received were thoroughly investigated and adjustments made or recommended where it was proven that mishaps in handling had taken place.

VESSEL SHORTAGES

There is enclosed statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur during the crop year 1948-1949, and unloaded at Canadian and American Ports. The total number of cargoes loaded at the Lakehead was 1,376, at Pacific Coast Ports, 284 and at Port Churchill, 15. Reported shortages on outturns of vessels during the past season continues to vary in amount, according to the ports or elevators at which cargoes discharged. Some unloading elevators continue from season to season to report very satisfactory outturns, which indicates close and careful handling and weighing, while other unloading elevators invariably report serious shortages. Complaints received have been thoroughly investigated and in a few cases when the cause of the shortage was discovered, adjustments were obtained for the shippers. During the 1949 Season of Navigation at certain eastern elevators, the outturns have been very unsatisfactory. On instructions of the Board, two weighing crews were sent from the Lakehead to supervise the weighing of cargoes at certain eastern elevators, after which outturns showed some improvement, however, this problem is still under investigation due to the shortages being more serious than usual. Complaints on the outturns of overseas cargoes received have been thoroughly investigated at the loading ports and reports made to the Board with recommendations.

ANNUAL AUDITS

In the Eastern Division, elevators licensed as Eastern Elevators, the grain in store was weighed over. Statements of the correct quantities of the various grades in store in each of the above elevators, which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustments of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators, in accordance with the provisions of Sections 138 and 138A of the Canada Grain Act.

There are attached statements showing the average reported shortage of pounds per thousand bushels on vessel shipments from the Lakehead to Canadian and American Ports; receipts and shipments weighed at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals on both Canadian Pacific Railway and Canadian National Railways; also cars reported leaking and with defective seals in Winnipeg railway yards; and statement showing total number of cars of grain weighed at all points and percentages of such cars found to be leaking or with missing and defective seals.

Respectfully submitted,

S. M. CAPON,

Chief Weighmaster.

**GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1948-49
IN ELEVATORS AT THE FOLLOWING POINTS:**

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Wheat	U.S.A. Corn	Canadian Miscellaneous
	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	lbs.
Vancouver and New Westminster.....	67,611,212	2,004,717	406,630	178,612	405	4,052			837,500
Victoria.....									
Prince Rupert.....									
Churchill.....	5,715,987								
Calgary.....	350,645	77,470	1,765,043	20,770	1,950			14,936	192,130
Edmonton.....	143,840	270,902	36,434		1,167	8,971		1,057	111,180
Lethbridge.....	8,878		265		67,202		1,852		5,280
Moose Jaw.....	3,182	29,591	64,630	3,335	2,844				42,518,305
Saskatoon.....	14,421	13,312			160,276				14,723,910
North Transcona..	243,029	254,822	151,416	5,280	1,414				9,189,470
	74,091,194	2,650,814	2,424,418	207,997	235,258	13,023	1,852	15,993	67,577,775

SHIPMENTS

Vancouver and New Westminster.....	62,010,001	3,173,395	525,634	133,467	6	3,860			44,481,350
Victoria.....									
Prince Rupert.....									
Churchill.....	5,325,718	24,857							3,812,094
Calgary.....	335,551	123,637	1,820,175	6,542	1,694	7,685			837,525
Edmonton.....	198,311	301,458	60,236		905			1,843	493,825
Lethbridge.....	9,581	429	233		58,475		1,852		366,540
Moose Jaw.....	3,182	31,143	77,902	3,377	2,844				41,731,050
Saskatoon.....	20,646	13,906			189,181				16,196,491
North Transcona..	242,831	264,724	150,649	5,280	1,414				2,159,090
	68,145,821	3,933,549	2,634,829	148,666	251,519	11,545	1,852	1,843	110,077,965

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1949

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	174,230,560	102,236	669	174,333,465
Oats.....	57,248,875	608,600	24,871	57,882,346
Barley.....	49,113,984	492,477	36,522	49,642,983
Rye.....	15,706,234	51,712		15,757,946
Flaxseed.....	17,587,516	17,702		17,605,218
Canadian Western Corn.....	27	107		134
U.S.A. Corn.....	99,762			
	(Vessel Receipt)	45,106		144,868
Mixed Grain.....	49,523,380 lbs.	5,685,720 lbs.		1,104,182
All Screenings.....	35,448,959 lbs.	10,815,200 lbs.		963,836
Grand Total.....				317,434,978

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	159,955,153	13,506,636	669	87,969	173,550,427
Oats.....	39,545,464	20,209,804	24,871	585,160	60,365,299
Barley.....	37,869,959	11,322,273	36,522	482,540	49,711,294
Rye.....	12,320,244	286,662		51,762	12,658,668
Flaxseed.....	9,624,601	751,726		42,007	10,418,334
Canadian Western Corn.....					
Canadian Western Peas.....		4,251			4,251
U.S.A. Corn.....		72			72
		95,647		45,154	140,801
Mixed Grain.....	11,947,610 lbs.	14,933,164 lbs.		4,264,886 lbs.	622,913
Mixed Feed Oats.....					
		673,000 lbs.			18,694
All Screenings.....	229,506,320 lbs.	163,275,630 lbs.		15,362,700 lbs.	8,503,014
Grand Total.....					315,993,767

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1948-49

Keewatin.....	5,147
Winnipeg.....	16,163
Saskatoon.....	5,078
Moose Jaw.....	4,717
Calgary.....	5,973
Edmonton.....	769
Medicine Hat.....	3,283
Lethbridge.....	55
Churchill.....	3,332
Total.....	44,517

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS AND WITH DEFECTIVE SEALS, CROP YEAR 1948-49

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	16,221	1,721	352
Elevators, excluding Lakehead.....	5,404	788	354
Total.....	21,625	2,509	706

CANADIAN NATIONAL RAILWAYS

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,234	692	152
Elevators, excluding Lakehead.....	2,740	286	110
Total.....	13,974	978	262
Total both roads.....	35,599	3,487	968

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	3,624	1,375
C.N.R. Yards.....	1,509	611
Total.....	5,133	1,986

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS
CROP YEAR 1948-49

CANADIAN PORTS

Grain	Busheles	Pounds per 1,000 Bushels
Wheat.....	129,897,816-30	Short 39-81
Durum Wheat.....	15,521,535-10	Short 56-41
Oats.....	25,390,306-14	Short 24-24
Barley.....	28,003,138-17	Short 41-81
Rye.....	5,026,122-34	Short 62-41
Flaxseed.....	9,624,601-09	Short 36-10
Mixed Grain.....	9,000,670 lbs.	Short -790 lbs. per 1,000 lbs.
Sample Grain.....	9,371,910 lbs.	Short -170 lbs. per 1,000 lbs.
Screenings.....	8,858-0530	Short -856 lbs. per ton

AMERICAN PORTS

Wheat.....	14,441,265-30	Short 56-87
Oats.....	14,335,340-28	Short 35-99
Barley.....	9,915,645-23	Short 93-01
Rye.....	7,294,121-32	Short 85-72
Sample Grain.....	1,804,570 lbs.	Short -637 lbs. per 1,000 lbs.
Screenings.....	105,274-0070	.....

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	144,339,082-00	Short 41-52
Durum Wheat.....	15,521,535-10	Short 56-41
Oats.....	39,725,647-08	Short 28-48
Barley.....	37,918,783-40	Short 55-20
Rye.....	12,320,244-10	Short 76-21
Flaxseed.....	9,624,601-09	Short 36-10
Mixed Grain.....	9,000,670 lbs.	Short -790 lbs. per 1,000 lbs.
Sample Grain.....	11,176,480 lbs.	Short -039 lbs. per 1,000 lbs.
Screenings.....	114,132-0600	Short -066 lbs. per ton

REPORT OF TOTAL NUMBER OF CARS OF GRAIN WEIGHED AT ALL POINTS, AND
ALSO THE PERCENTAGE OF SUCH CARS FOUND TO BE LEAKING OR
WITH DEFECTIVE SEALS, CROP YEAR 1948-1949

Total Number of Cars Weighed.....	248,623
Total Number of Cars Leaking.....	29,169
Percentage of Cars Leaking.....	11.73
Total Number of Cars with Missing and Defective Seals.....	4,455
Percentage of Cars with Missing and Defective Seals.....	1.79

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORSFORT WILLIAM, ONT.,
November 21, 1949.The Board of Grain Commissioners,
WINNIPEG, MANITOBA.

SIRS,—I beg to submit the following report covering the operations of the Canadian Government Elevators for the crop year 1948-49.

ELEVATORS OPERATED

The interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge were operated during the year as public terminal elevators. The elevator at Prince Rupert was licensed as a public terminal, but no grain was handled at that point during the year.

ELEVATOR LEASED

The terminal elevator at Port Arthur continued to be operated by McCabe Grain Co. Ltd. under lease covering a term of five years from August 1, 1944. In accordance with the terms of that lease a renewal has been granted for a further period of five years from August 1, 1949.

TARIFF OF CHARGES

Effective August 1, 1948, the elevation charge on wheat, oats, barley and rye was increased from one-half ($\frac{1}{2}$ c.) to one cent (1c.) per bushel and on flax from one cent (1c.) to two cents (2c.) per bushel.

The storage rate on wheat, oats, barley, rye, flax and corn was increased from one-sixtieth of one cent ($1/60$ c.) to one-thirtieth of one cent ($1/30$ c.) per bushel per day and on mixed grain from one-thirtieth of one cent ($1/30$ c.) to two-thirtieths of one cent ($2/30$ c.) per one hundred (100) pounds per day.

The charges for cleaning flax were increased by one-half cent ($\frac{1}{2}$ c.) per bushel.

All other terms and conditions of the tariff remained unchanged.

VOLUME OF GRAIN HANDLED

Notwithstanding the substantial increase in production of all grains in the Prairie Provinces compared with the 1947 crop, the amount of grain handled at the interior terminals was considerably less than the previous year. Ample storage space was available at the Lakehead and Pacific coast ports permitting unrestricted movement of grain to those positions, without the necessity of storing in transit at the interior terminals.

The following comparative statement shows the amount of grain received at each elevator during the past two crop years:

Elevator	1947-48	1948-49	Decrease	Increase
	Bus.	Bus.	Bus.	Bus.
Moose Jaw.....	240,814	106,914	133,900	.....
Saskatoon.....	749,227	165,468	583,759	.....
Calgary.....	2,816,609	2,227,743	588,866	.....
Edmonton.....	2,500,794	458,078	2,042,716	.....
Lethbridge.....	138,619	73,606	65,013	.....
Prince Rupert.....	Nil	Nil	Nil	.....
	6,446,063	3,031,809	3,414,254	.....

In addition to the above, 40,903,025 pounds of rapeseed was received at Moose Jaw and 13,414,837 pounds at Saskatoon, most of which was shipped out by the end of the crop year. Since that time more than 7,000,000 pounds of rapeseed has been received into Moose Jaw.

Shipments of grain from all elevators amounted to 3,300,288 bushels and stocks in store at July 31, 1949, totalled 382,488 bushels.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

The buildings, equipment and trackage at all points have been maintained in good condition.

The installation of dust control equipment at Port Arthur and Edmonton elevators to reduce risks of fire and explosion and improve working conditions has been completed and firewalls have been constructed between the workhouse and storage annex at Edmonton. Installation of dust control equipment at Calgary is now in progress.

As a further measure of dust control and to reduce fire and explosion hazard two bin aspiration units are being installed at Port Arthur elevator and all open portable spouting is being eliminated and replaced by fixed spouting or enclosed portable spouts.

The boot pits of receiving, shipping and cleaner leg pits at Port Arthur elevator have been repaired and lined with concrete to eliminate seepage of water into the pits, which are below lake level.

A contract has been entered into for repairing and painting of the concrete structure and exterior steel work at Port Arthur elevator, but due to weather conditions this work has been discontinued and will be resumed in the spring.

Extensive repairs were made to the roofs and siding of the shipping galleries at Prince Rupert and nine boat loading spouts were partially renewed.

A portion of the water main serving the Moose Jaw elevator, which has been in use for about forty years has deteriorated, causing interruptions in the water supply. A contract has therefore been entered into with the City of Moose Jaw for the replacement of this portion of the main with new cast iron pipe.

Two thousand treated track ties and 6,300 tie plates were used in maintenance of trackage at the several elevators.

STAFF

Staffs at all points have been maintained at the minimum of requirements for efficient operation of the plants.

Mr. Aldwin Apperley, foreman at the Calgary elevator, retired on account of ill-health. Mr. Apperley entered the service in 1916 and has filled the position of foreman since 1918 in a very efficient manner.

FINANCIAL RESULTS OF OPERATIONS

Earnings from all sources for the fiscal year ended March 31, 1949, totalled \$349,760.07, an increase of \$60,474.17 over the previous year. The principal increases were in storage, \$77,236.90, elevation \$11,077.89, and chopping and sacking, \$7,463.90. Decreases were recorded in earnings from drying, \$19,027.18, and sales of screenings, \$16,487.25.

Expenditures for the fiscal year amounted to \$572,325.18, an increase of \$151,756.38, due principally to the increase in cost of repairs at Port Arthur elevator, \$118,452.00, and increases in salaries and wages, \$57,247.15, on account of general revision of salary rates throughout the service and statutory increases.

The net result of operations was a deficit of \$222,565.11, an increase of \$91,282.21, which is more than accounted for by the two items referred to in the preceding paragraph.

Following the practice of former years, no provision is made in the financial statements to cover depreciation of plants and equipment, expenditures for maintenance of which are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,

General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 1, 1949.

Board of Grain Commissioners,
WINNIPEG, MANITOBA.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1949.

Although all 1949 crops were early, the laboratory had considerable difficulty in obtaining adequate information for the Western Committee on Grain Standards since the Committee met on September 29, a full two weeks earlier than usual. At that time, it appeared that the wheat crop would be essentially similar in protein content to the 1948 crop. Data subsequently collected now suggest an average protein content of 13.4 per cent or possibly 13.3 per cent as compared with 13.6 per cent for 1948 and the same value for the long-term average. With a low-protein area in southern Alberta where the level is usually high, Vancouver shipments of spring wheat are likely to continue to be low in protein throughout the current crop year. Aside from below-average protein content and the concurrent reduction in baking strength, the 1949 crop of hard red spring wheat is satisfactory.

All other crops are also slightly lower in protein content this year. The colour of macaroni made from the current durum crop is generally excellent, but the doughs are a little softer than usual. The barley crop is good with a high percentage entering the malting grades. Low protein content in malting barley is advantageous and the 1949 level, 11.3 per cent for the first quarter, should prove very satisfactory. The current flax crop is estimated to be slightly lower in quality than that of 1948; both oil content and iodine value of the oil are lower. Bulletins on these crops were prepared and distributed somewhat earlier than usual.

The laboratory has continued to collaborate closely with the Inspection Branch and to render all possible assistance in the preparation of standard and export standard samples and in the solution of various grading problems that arise from time to time. All moisture testing equipment in inspection offices from Montreal to Vancouver was examined during the year. Satisfactory moisture results are being obtained at all points. Collaborative work with other institutions, especially with the Department of Agriculture, the National Research Council and the University of Manitoba, is being continued with advantage to all concerned.

Routine investigations of the laboratory are under continuous review. Various changes in both laboratory technique and in methods of summarizing and publishing data are being made. These are designed to improve our records of crop quality and to make the information more useful to other persons.

The research programme continues to develop steadily. In the bread wheat section, good progress has been made in two studies reported last year. These relate to the measurement of rate of diffusion of gases through dough and studies of interactions between proteins and carbohydrates. A scientific paper on the latter investigation has already been published. A further project involving a kinetic approach to chemical studies of improver action in bread

doughs has been started. In the durum laboratory, the fractionation and identification of semolina pigments and the kinetic study of the disappearance of pigments during macaroni processing have been essentially completed. Two papers on this research are in press.

The barley section is continuing studies of compounds responsible for the viscosity of wort. The partial isolation of a polysaccharide "gum" was reported last year. Gums of this type have now been isolated from barley, malt and wort. The difficult task of elucidating their constitution is in progress. Two sugars, arabinose and glucose, have been definitely established as constituents of the barley gum. The wort gum also contains xylose and possibly a uronic acid. A parallel study of the degradation of these polysaccharides by the naturally occurring enzymes in malt and other enzyme preparations has been initiated.

Three papers relating to electrical determinations of moisture in wheat have been published during the year. Further studies on this subject are planned or are in progress. A paper on the nitrogen content of single kernels of wheat, which serves to map the variations occurring within spikelets, heads and plants, is also in press. This study throws additional light on the fundamental causes of variations in protein content among shipments of Canadian wheat.

Considerable exploratory research has been undertaken in the analytical section. The aim is to discover a promising line of attack on chemical differences between the proteins in wheat and other cereals; the proteins extracted from wheat form a rubbery mass called gluten, whereas a similar cohesive product is not obtained from other cereals. Interesting results have been obtained in recent weeks, and it appears that a promising line of investigation is gradually being developed.

Two members of the professional staff obtained Ph.D. degrees during the year: Dr. W. O. S. Meredith, who is in charge of the barley section, completed his studies at the Universities of Minnesota and Manitoba; Dr. G. N. Irvine, who is in charge of the durum section, received the Ph.D. degree from McGill University. Five members of the professional staff are now doctors, and three more are studying for a doctor's degree. Mr. H. E. Rasmussen resigned recently to accept a position with the Halross Instrument Corporation Limited, Winnipeg. His outstanding abilities in design and instrument making, and his all-round skill in a wide range of techniques, will be missed. He was responsible for the design and construction of much of the most up-to-date equipment in the laboratory. But over the past several years he also trained several junior men in a variety of techniques, so that he himself made provision for filling the gap left by his resignation.

A policy of making the facilities of the laboratory available for post-graduate studies was inaugurated this year when the University of Manitoba accredited the laboratory for that purpose. One student, or possibly two, can be accommodated each year. Mr. H. P. Schreiber was the first to take advantage of this policy and will submit an M.Sc. thesis next spring based on research carried out under the direction of Dr. Hlynka.

A detailed report of the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1949

(a) WINNIPEG—

Revenue

Licence Fees.....	29,041 00	
Previous Year's Expenditures.....	20 00	
		29,061 00
Registration Fees.....	11,694 60	
Cancellation Fees.....	11,197 20	
		22,891 80
Appeal Fees.....		1,206 00
Inspection Fees.....	173,188 07	
Overtime.....	468 00	
Cargo Certificate Splits.....	164 10	
Samples Sold.....	12,961 65	
Sampling Fees.....	2,360 30	
Refund Express Charges.....	2,335 50	
Previous Year's Expenditures.....	33 75	
		191,520 37
Weighing Fees.....	15,768 50	
Overtime.....	136 50	
Condition Reports.....	222 25	
		16,127 25
		260,806 42

*Expenditure**Board and Executive Offices*

Salaries—		
Commission and Secretary.....	40,734 92	
Secretary's Office.....	21,872 84	
Rent.....	5,356 13	
Travelling Expenses.....	4,756 40	
General Expenses.....	4,322 19	
Printing and Stationery.....	2,012 78	
		79,055 26

Licence and Bonding

Salaries.....	14,820 97	
Rent.....	1,380 00	
General Expenses.....	671 28	
Printing and Stationery.....	2,605 50	
		19,477 75

Grain Research Laboratory

Salaries.....	79,997 33	
Rent.....	11,894 60	
Travelling Expenses.....	1,815 32	
General Expenses.....	14,656 94	
Printing and Stationery.....	3,293 91	
		111,658 10

Registration

Salaries.....	16,615 00	
Rent.....	1,699 12	
General Expenses.....	544 36	
Printing and Stationery.....	649 94	
		19,508 42

Accounts

Salaries.....	10,585 16	
General Expenses.....	740 73	
Printing and Stationery.....	337 41	
		11,663 30

Inspection Branch

Salaries.....	377,782 99	
Rent.....	19,459 55	
Travelling Expenses.....	1,631 68	
General Expenses.....	20,648 84	
Printing and Stationery.....	7,339 95	
		426,913 01

GRAIN COMMISSION

65

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1949—Continued

(a) WINNIPEG—Concluded

Weighing

Salaries.....	36,684 56	
Rent.....	1,591 91	
General Expenses.....	433 20	
Printing and Stationery.....	166 47	
		38,876 14

Grain Appeal Tribunal

Salaries.....	4,830 00	
Rent.....	448 76	
General Expenses.....	894 33	
		6,173 09

Grain Standard Committee

Travelling Expenses.....	1,727 85	
General Expenses.....	1,340 00	
		3,067 85
		716,392 92

(b) CHURCHILL—

Revenue

Inspection Fees.....	8,511 20	
Overtime.....	560 70	
		9,071 90
Weighing Fees.....	8,511 28	
Overtime.....	410 10	
		8,921 38
		17,993 28

*Expenditure**Inspection Branch*

Salaries.....	5,636 14	
Travelling Expenses.....	2,560 05	
General Expenses.....	15 12	
		8,211 31

Weighing Branch

Salaries.....	2,982 34	
Travelling Expenses.....	1,485 60	
General Expenses.....	8 80	
		4,476 74
		12,688 05

(c) KEEWATIN—

Revenue

Weighing Fees.....	5,847 57	
		5,847 57

Expenditure

Salaries—Weighing Branch.....	5,869 99	
General Expenses—Weighing.....	50 33	
		5,920 32
		5,920 32

(d) SASKATOON—

Revenue

Inspection Fees.....	6,152 41	
Overtime.....	355 43	
Samples Sold.....	664 04	
		7,171 88
Weighing Fees.....	7,926 26	
Overtime.....	257 85	
		8,184 11
		15,355 99

*Expenditure**Assistant Commissioner's Office*

Salaries.....	2,815 00	
Travelling Expenses.....	44 15	
General Expenses.....	103 45	
Printing and Stationery.....	1 43	
		2,964 03

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1949—Continued

(d) SASKATOON—Concluded

Inspection Branch

Salaries.....	16,410 63	
Rent.....	877 00	
Travelling Expenses.....	150 54	
General Expenses.....	767 28	
Printing and Stationery.....	25 22	
		18,230 67

Weighing Branch

Salaries.....	13,126 06	
Travelling Expenses.....	257 65	
General Expenses.....	57 13	
		13,440 84

34,635 54

(e) MOOSE JAW—

Revenue

Inspection Fees.....	6,500 16	
Overtime.....	1,595 75	
Samples Sold.....	840 31	
Sampling Fees.....	102 00	
		9,038 22
Weighing Fees.....	6,761 16	
Overtime.....	1,001 10	
		7,762 26

16,800 48

*Expenditure**Inspection Branch*

Salaries.....	20,174 77	
Rent.....	1,125 00	
Travelling Expenses.....	589 72	
General Expenses.....	1,142 15	
Printing and Stationery.....	425 40	
		23,457 04

Weighing Branch

Salaries.....	13,227 60	
General Expenses.....	53 78	
		13,281 38

36,738 42

(f) MEDICINE HAT—

Revenue

Inspection Fees.....	2,770 50	
Samples Sold.....	341 44	
		3,111 94
Weighing Fees.....		3,379 00

6,490 94

*Expenditure**Inspection Branch*

Salaries.....	2,502 17	
Rent.....	345 00	
General Expenses.....	300 33	
Printing and Stationery.....	60 89	
		3,208 39

Weighing Branch

Salaries.....	3,479 00	
General Expenses.....	7 80	
		3,486 80

6,695 19

(g) LETHBRIDGE—

Revenue

Inspection Fees.....	505 56	
Weighing Fees.....	210 56	

716 12

*Expenditure**Inspection Branch*

Salaries.....	5,220 00	
Travelling Expenses.....	180 47	
General Expenses.....	485 05	
Printing and Stationery.....	27 58	
		5,913 10

GRAIN COMMISSION

67

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR ENDING MARCH 31, 1949—Continued

(a) LETHBRIDGE—Concluded

Expenditure—Concluded

Weighing Branch

Salaries.....	2,970 00		
Travelling Expenses.....	145 51		
General Expenses.....	5 00		
		3,120 51	9,033 61

(b) CALGARY—

Revenue

Inspection Fees.....	27,567 54		
Samples Sold.....	1,780 38		
Sampling Fees.....	2 00		
Express Charges.....	269 75		
		29,619 67	
Weighing Fees.....	12,856 64		
Overtime.....	927 60		
Sundries.....	4 00		
		13,788 24	
Appeal Fees.....		963 00	44,370 91

Expenditure

Assistant Commissioner's Office

Salaries.....	9,690 00		
Rent.....	828 00		
Travelling Expenses.....	2,050 83		
General Expenses.....	321 28		
Printing and Stationery.....	1 50		
		12,891 61	

Inspection Branch

Salaries.....	55,129 52		
Rent.....	3,001 00		
Travelling Expenses.....	531 20		
General Expenses.....	2,770 36		
Printing and Stationery.....	959 86		
		62,391 94	

Weighing Branch

Salaries.....	26,999 60		
Rent.....	314 04		
Travelling Expenses.....	107 42		
General Expenses.....	306 30		
		27,727 36	

Grain Appeal Board

Salaries.....	4,570 02		
Rent.....	420 00		
General Expenses.....	736 25		
Printing and Stationery.....	4 47		
		5,730 74	108,741 65

(i) EDMONTON—

Revenue

Inspection Fees.....	27,013 45		
Samples Sold.....	1,471 36		
Express Charges.....	291 25		
		28,776 06	
Weighing Fees.....	4,570 48		
Overtime.....	39 00		
		4,609 48	
Appeal Fees.....		1,065 00	34,450 54

Expenditure

Inspection Branch

Salaries.....	56,785 25		
Rent.....	4,494 00		
Travelling Expenses.....	102 20		
General Expenses.....	2,517 45		
Printing and Stationery.....	886 06		
		64,784 96	

Weighing Branch

Salaries.....	13,149 00		
General Expenses.....	270 49		
		13,419 49	

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1949—Continued

(i) EDMONTON—Concluded

Expenditure—Concluded

Grain Appeal Tribunal

Salaries.....	5,326 02	
Rent.....	600 00	
General Expenses.....	790 66	
Printing and Stationery.....	2 48	
		6,719 16

84,923 61

(j) VANCOUVER—

Revenue

Inspection Fees.....	53,655 24	
Overtime.....	746 95	
Samples Sold.....	3,299 95	
		57,702 14
Weighing Fees.....	83,883 14	
Overtime.....	1,183 80	
		85,066 94
Registration Fees.....	1,903 60	
Cancellation Fees.....	2,039 11	
		3,942 71

146,711 79

Expenditure

Inspection Branch

Salaries.....	95,707 52	
Rent.....	5,280 00	
General Expenses.....	2,489 59	
Printing and Stationery.....	873 01	
		104,350 12

Weighing Branch

Salaries.....	89,234 63	
Rent.....	2,055 00	
Travelling Expenses.....	35 64	
General Expenses.....	1,715 82	
Printing and Stationery.....	91 92	
		93,133 01

Registration Branch

Salaries.....	5,265 00	
Rent.....	1,365 00	
Travelling Expenses.....	1,253 84	
General Expenses.....	199 25	
Printing and Stationery.....	32 78	
		8,115 87

205,599 00

(k) FORT WILLIAM—

Revenue

Inspection Fees.....	256,600 45	
Overtime.....	8,877 20	
Cargo Certificate Splits.....	2 40	
Sampling Fees.....	17,844 07	
		283,324 12
Weighing Fees.....	417,649 05	
Overtime.....	6,425 70	
		424,074 75
Statistical—		
Refund Previous Year's Expenditures.....		16 30

707,415 17

Expenditure

Assistant Commissioner's Office

Salaries.....	9,450 00	
Rent.....	624 00	
General Expenses.....	223 93	
		10,297 93

Inspection Branch

Salaries.....	436,015 17	
Rent.....	14,178 72	
Travelling Expenses.....	3,924 55	
General Expenses.....	12,448 49	
Printing and Stationery.....	4,670 31	
		471,237 24

GRAIN COMMISSION

69

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR ENDING MARCH 31, 1949—Continued

(k) FORT WILLIAM—Concluded

Expenditure—Concluded

Weighing Branch

Salaries.....	315,124 98	
Rent.....	2,728 08	
Travelling Expenses.....	13,447 82	
General Expenses.....	3,927 79	
Printing and Stationery.....	2,536 96	
		337,765 63

Statistical Branch

Salaries.....	52,511 30	
Rent.....	4,599 96	
Travelling Expenses.....	568 61	
General Expenses.....	6,342 77	
Printing and Stationery.....	3,971 84	
		67,994 48
		887,295 28

(l) TORONTO—

Revenue

Inspection Fees.....	2,297 27	
Overtime.....	30 00	
Cargo Certificate Splits.....	0 40	
Samples Sold.....	85 40	
Sampling Fees.....	10 00	
		2,423 07
		2,423 07

Expenditure

Inspection Branch

Salaries.....	7,430 64	
Rent.....	600 00	
Travelling Expenses.....	203 88	
General Expenses.....	335 12	
		8,569 64

Grain Appeal Tribunal

General Expenses.....	4 35	
		8,573 99

(m) MONTREAL—

Revenue

Inspection Fees.....	7,603 44	
Overtime.....	576 70	
Cargo Certificate Splits.....	448 90	
Samples Sold.....	460 06	
Sampling Fees.....	2,776 67	
		11,865 77
Weighing Fees.....		6 00
Registration Fees.....	3,053 15	
Cancellation Fees.....	3,101 52	
		6,154 67
		18,026 44

Expenditure

Inspection Branch

Salaries.....	49,840 85	
Rent.....	2,424 96	
Travelling Expenses.....	3,967 90	
General Expenses.....	1,222 64	
Printing and Stationery.....	331 70	
		57,788 05

Weighing Branch

Salaries.....	2,850 00	
Rent.....	525 00	
Travelling Expenses.....	52 30	
General Expenses.....	151 81	
Printing and Stationery.....	347 56	
		3,926 67

Registration Branch

Salaries.....	7,155 00	
Rent.....	600 00	
Travelling Expenses.....	172 00	
General Expenses.....	236 53	
Printing and Stationery.....	94 85	
		8,258 38
		69,973 10

TRADE AND COMMERCE

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1949—*Concluded*

(n). CHATHAM—

Revenue

Inspection Fees.....	6,374 34	
Overtime.....	89 40	
Samples Sold.....	807 60	
Sampling Fees.....	12,076 16	
		<hr/>
		19,347 50

19,347 50

Expenditure

Inspection Branch

Salaries.....	17,707 42	
Rent.....	516 00	
Travelling Expenses.....	10,992 30	
General Expenses.....	1,373 19	
Printing and Stationery.....	455 23	
		<hr/>
		31,044 14

31,044 14

SUMMARY OF OPERATION BY BRANCHES

REVENUE

	Inspection		Weighing		Appeal Boards		Registration		Licence and Bonding		Statistical		Accounting		Research Laboratory		Grain Standards		Adminis- tration		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	578,739	63	567,369	64	3,234	00	32,989	18	29,041	00											1,211,373	45
Overtime.....	13,300	13	10,381	65																	23,681	78
Sampling.....	17,336	13																			17,336	13
Express Charges.....	2,896	50																			2,896	50
Cargo Splits.....	615	80																			615	80
Samples Sold.....	40,556	26																			40,556	26
Condition Reports.....			222	25																	222	25
Sundries.....			4	00																	4	00
Previous Years' Ex- penditure.....	33	75							20	00	16	30									70	05
Total	653,478	20	577,977	54	3,234	00	32,989	18	29,061	00	16	30									1,296,756	22

EXPENDITURE

Salaries.....	1,146,343 07	525,697 76	14,726 04	29,035 00	14,820 97	52,511 30	10,585 16	79,997 33	84,562 76	1,958,279 39
Rents.....	52,301 23	7,214 03	1,468 76	3,664 12	1,380 00	4,599 96	.....	11,894 60	6,808 13	89,330 83
Travel.....	24,834 49	15,531 94	.....	1,425 84	.....	568 61	.....	1,815 32	6,851 38	52,755 43
Expenses.....	46,515 61	6,988 25	2,425 59	980 14	671 28	6,342 77	740 73	14,656 94	1,727 85	85,632 16
Printing and Stationery	16,105 21	3,142 91	6 95	777 57	2,605 50	3,971 84	337 41	3,203 91	1,340 00	4,970 85
Total.....	1,286,099 61	558,574 89	18,627 34	35,882 67	19,477 75	67,994 48	11,663 30	111,658 10	3,067 85	2,218,254 82
Total Revenue.....										1,296,756 22
Total Expenditure.....										2,218,254 82
Net Deficit.....										921,498 60

GRAIN COMMISSION

Winnipeg.....	426,913 01	38,876 14	6,173 09	19,508 42	19,477 75	.....	11,663 30	111,658 10	3,067 85	79,055 26	716,392 92
Churchill.....	8,211 31	4,476 74	.....	.....	.....	.....	.....	.....	.....	.....	12,688 05
Keewatin.....	.....	5,920 32	.....	.....	.....	.....	.....	.....	.....	.....	5,920 32
Saskatoon.....	18,230 67	13,440 84	.....	.....	.....	.....	.....	.....	2,964 03	34,635 54	36,738 42
Moose Jaw.....	23,457 04	13,281 38	.....	.....	.....	.....	.....	.....	.....	.....	6,695 19
Medicine Hat.....	3,208 39	3,486 80	.....	.....	.....	.....	.....	.....	.....	.....	9,033 61
Lethbridge.....	5,913 10	3,120 51	.....	.....	.....	.....	.....	.....	.....	.....	108,741 65
Calgary.....	62,391 94	27,727 36	5,730 74	.....	.....	.....	.....	.....	12,891 61	.....	84,923 61
Edmonton.....	64,784 96	13,419 49	6,719 16	.....	.....	.....	.....	.....	.....	.....	205,599 00
Vancouver.....	104,350 12	93,133 01	.....	8,115 87	.....	.....	.....	.....	.....	.....	887,295 28
Fort William.....	471,237 24	337,765 63	.....	.....	.....	67,994 48	.....	.....	10,297 93	.....	8,573 99
Toronto.....	8,569 64	.....	4 35	.....	.....	.....	.....	.....	.....	.....	69,973 10
Montreal.....	57,788 05	3,926 67	.....	8,258 38	.....	.....	.....	.....	.....	.....	31,044 14
Chatham.....	31,044 14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1,286,099 61	558,574 89	18,627 34	35,882 67	19,477 75	67,994 48	11,663 30	111,658 10	3,067 85	105,208 83	2,218,254 82

Total Revenue..... 1,296,756 22

Total Expenditure..... 2,218,254 82

Net Deficit..... 921,498 60

APPENDIX No. 10

BOARD OF GRAIN COMMISSIONERS FOR CANADA
REGULATIONS IN FORCE DECEMBER 31, 1949

Regulation No.	Subject
1	Registration and Cancellation of Terminal Elevator Warehouse Receipts.
2	Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
3	Construction of Elevators.
4	Cleaning Grain and Bins, Terminal Elevators.
5	Off Grades for Western Grain.
6	Off Grades for Eastern Grain.
7	Grades of Screenings.
8	Inspection of Samples Taken other than at an Inspection Point.
9	Appeals from Inspection Officers to Grain Appeal Tribunals.
10	Delivery of Grain to Ocean Vessels at Montreal, Quebec.
11	Delivery of Grain to Ocean Vessels at West Saint John, N.B.
12	Delivery of Grain to Ocean Vessels at East Saint John, N.B.
13	Delivery of Grain to Ocean Vessels at Halifax, N.S.
14	Enforcement of Lien by Sale of Grain.
15	Drying of Grain.
16	Fees.
17	Records, Reports and Returns.
18	Procedure, Country Elevators.
19	Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
20	Maximum Tariff of Charges, Eastern Elevators.
21	Maximum Tariff of Charges, and Skrinkage Allowance, Country Elevators.
22	Maximum Tariff of Charges, Terminal Elevators.
23	Applications for Licences and Terms and Conditions under which Licences are Issued.



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